

TRADE SECRET

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Study Title

H-24516: Subchronic Toxicity
90-Day Gavage Study in Rats
with One-Generation Reproduction Evaluations

Volume 3 of 5

Laboratory Project ID: DuPont-5386

TEST GUIDELINES: U.S. EPA Health Effects Test Guidelines
OPPTS 870.3100 (1998)

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PERFORMING LABORATORY: E.I. du Pont de Nemours and Company
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APPENDIX E

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS
AND MORTALITY DATA

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INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

EXPLANATORY NOTES

Critical Dates

- Day 74 Male and female rats designated for reproduction evaluations were co-housed and are reported as "removed from study" in this appendix. Clinical Observations recorded during the cohabitation and post-mating periods are reported in the Reproductive Toxicology section.
- Day 80 Ophthalmology examinations were conducted on rats designated for the 90-day exposure period and the one-month recovery period.
- Day 91 Male rats designated for the 90-day exposure period were sacrificed.
- Day 93 Female rats designated for the 90-day exposure period were sacrificed.
- Day 122 Ophthalmology examinations were conducted on rats designated for the one-month recovery period.
- Day 125 Male and female rats designated for the one-month recovery period were sacrificed.
- Day 181 Male and female rats designated for the 3-month recovery period were sacrificed.

Any clinical sign observed on consecutive data collection days is assumed to have been present during the interim between observation days, and will be reported as having been observed over the period from the first-last day observed. Ophthalmology Evaluation observations and Clinical Pathology Evaluations are documented as Clinical Observations and interrupt the continuing clinical observations. All ophthalmology observations from test days 80 or 122 are those observed during the examination by the veterinary ophthalmologist.

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INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	I	643241	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 91 44 80 91
M	I	643300	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	I	643143	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Wound, Superficial, Shoulder, Right Sacrificed by design	0-28 44, 91 80 35-42, 49-77, 84-91 91
M	I	643205	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	I	643235	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	I	643288	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	I	643150	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	I	643189	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44 91 80 91
M	I	643185	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 91 44 80 91

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INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	I	643210	General observation, No Abnormality Detected	0, 7, 14-28, 35-49, 84, 90, 98, 105, 112, 119, 140-154, 161-181
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	55, 101
			Eye Observations, Bled via Orbital for Clin Path, Left	9, 96, 108, 139, 160, 181
			Eye Observations, Bled via Orbital for Clin Path, Right	0-3, 21, 34, 76, 89, 92, 115, 125
			Discharge, Eye right, Black	56-70, 77, 126-133
			Sacrificed by design	181
M	I	643268	General observation, No Abnormality Detected	0, 7, 14-28, 35-49, 63-70, 112, 147-154, 161-181
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	34
			Eye Observations, Bled via Orbital for Clin Path, Left	9, 55, 76, 89, 92-96, 101, 108, 139, 160, 181
			Eye Observations, Bled via Orbital for Clin Path, Right	0-3, 21, 115, 125
			Discharge, Eye right, Black	56, 77-84, 90, 98, 105, 119, 126-133, 140
			Sacrificed by design	181
M	I	643232	Eye Observations, Bled via Orbital for Clin Path, Bilateral	3, 9, 21, 101
			Eye Observations, Bled via Orbital for Clin Path, Left	55, 96, 139, 160, 181
			Eye Observations, Bled via Orbital for Clin Path, Right	0, 34, 76, 89, 92, 108, 115, 125
			Hair Loss, Forepaw, Bilateral	0, 7, 14-28, 35-49, 56-70, 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-181
			Feces, Present, Brown	21
			Sacrificed by design	181
M	I	643265	General observation, No Abnormality Detected	0, 21-28, 35-49
			Eye Observations, Partially Closed, Left	119, 126-133, 140-154, 161-181
			Eye Observations, Exophthalmus, Left	77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-181
			Eye Observations, Exophthalmus, Left	56-70
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	9, 21, 55
			Eye Observations, Bled via Orbital for Clin Path, Bilateral, no blood	101
			Eye Observations, Bled via Orbital for Clin Path, Bilateral, bled by tail vein	108, 115, 125
			Eye Observations, Bled via Orbital for Clin Path, Right	0-3, 34, 76, 89, 92-96, 139, 160, 181
			Eye Observations, Corneal Opacity, Bilateral	147-154, 161-181
			Eye Observations, Corneal Opacity, Left	70, 77-84, 90, 98, 105, 112, 119, 126-133, 140
			Eye Observations, tail vein	160
			Discharge, Nose, Black	7, 14
			Discharge, Eye left, Black	56-63
			Hair Loss, Face, Left	70
			Sacrificed by design	181

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	I	643239	General observation, No Abnormality Detected Hair Loss, Shoulder, Left Wound, Superficial, Shoulder, Left Removed from study	0, 21-74 14 7 74
M	I	643270	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643148	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643284	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643229	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643196	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643176	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643218	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643207	General observation, No Abnormality Detected Hair Loss, Forepaw, Bilateral Removed from study	0-35 42-74 74
M	I	643280	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643271	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643211	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643163	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643197	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643242	General observation, No Abnormality Detected Removed from study	0-74 74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	I	643251	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643155	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643147	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643276	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643237	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
M	I	643226	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
M	I	643195	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
M	I	643246	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
M	I	643253	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
M	I	643262	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
M	I	643172	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
M	I	643303	General observation, No Abnormality Detected Hyperreactive No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-112 119, 125 80, 122 125
M	I	643304	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	I	643162	General observation, No Abnormality Detected General Teeth Observations, Clipped Hyperreactive No Ophthalmological Abnormalities Detected Hair Loss, Forepaw, Bilateral Hair Loss, Forepaw, Right Sacrificed by design	0-35 58-77, 84-119, 125 112-119, 125 80, 122 42-77, 84-105 125 125
M	I	643254	General observation, No Abnormality Detected Removed from study	0-74 74
M	I	643145	General observation, No Abnormality Detected Eye Observations, Closed, Left Eye Observations, Partially Closed, Left Eye Observations, Enophthalmus, Left Eye Observations, Exophthalmus, Left Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Eye Observations, Bled via Orbital for Clin Path, Right unable to bleed Eye Observations, Corneal Opacity, Left Eye Observations, tail vein Discharge, Nose, Black Discharge, Eye left, Black Discharge, Eye right, Black Sacrificed by design	0 181 84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-175 14-28, 35-49, 56-70, 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-175 6-7 3, 92, 125 0, 21, 34, 55, 76, 89, 96, 101, 108, 115, 139, 160, 181 9 14-28, 35-49, 56-70, 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-175 160 35 7, 56 77-84, 90 181
M	I	643204	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 91 44 80 91

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	III	643173	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	III	643290	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 91 44 80 91
M	III	643272	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 91 44 80 91
M	III	643292	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	III	643228	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	III	643308	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Hair Loss, Forepaw, Bilateral Sacrificed by design	0-42, 49-70 44, 91 80 77, 84-91 91
M	III	643264	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	III	643240	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	III	643180	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	III	643179	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	III	643202	General observation, No Abnormality Detected Eye Observations, Exophthalmus, Left Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Eye Observations, Corneal Opacity, Left Discharge, Nose, Black Sacrificed by design	0, 7, 14-28, 35, 70 56, 140-154, 161 34, 55, 89, 92, 115, 125 9, 21, 96, 139, 160, 181 0-3, 76, 101, 108 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-181 42-49, 56-63 181
M	III	643310	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Discharge, Ear left, Black Discharge, Eye bilateral, Black Discharge, Nose, Black Stain Fur/Skin, Face, Black Sacrificed by design	0, 7, 14-28, 35-49, 56-70, 77-84, 90, 98, 105, 147, 181 3, 55, 139 9, 21, 92-96, 115, 125, 160, 181 0, 34, 76, 89, 101, 108 126 133, 140 112, 119, 126-133, 140, 154, 161-175 119, 126 181
M	III	643306	General observation, No Abnormality Detected Eye Observations, Exophthalmus, Left Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Discharge, Ear left, Black Discharge, Eye left, Black Discharge, Eye right, Black Hair Loss, Forepaw, Left Wound, Superficial, Face Wound, Superficial, Nose Sacrificed by design	0, 7, 14, 28, 35-42, 56, 70, 77-84, 90, 98, 105, 112 119, 126-133, 140-154, 161 3, 34 9, 55, 96, 115, 139, 160, 181 0, 21, 76, 89, 92, 101, 108, 125 126 133, 140-147 63 140-154, 161-181 21 49 181

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	III	643305	General observation, No Abnormality Detected	0, 7, 14-28, 35-49, 56-70, 77-84, 90, 98, 105, 112
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	160, 181
			Eye Observations, Bled via Orbital for Clin Path, Left	9, 21, 55, 96, 101, 108, 115, 125, 139
			Eye Observations, Bled via Orbital for Clin Path, Right	0-3, 34, 76, 89, 92
			General Teeth Observations, Clipped	119, 126-133, 140-154, 161-175
			Breathing Observations, Noise	147-154, 161-181
			Discharge, Eye left, Black	126
			Sacrificed by design	181
M	III	643293	General observation, No Abnormality Detected	0, 7, 14-28, 35-49, 56-70, 77-84, 90, 98, 105, 112, 119, 133, 140-154, 161-168
			Eye Observations, Bled via Orbital for Clin Path, Left	9, 21, 55, 96, 108, 139, 160, 181
			Eye Observations, Bled via Orbital for Clin Path, Right	0-3, 34, 76, 89, 92, 101, 115, 125
			Discharge, Eye right, Black	126
			Hair Loss, Forelimb, Bilateral	181
			Hair Loss, Forepaw, Bilateral	181
			Hair Loss, Forepaw, Right	175
			Sacrificed by design	181
M	III	643287	General observation, No Abnormality Detected	0-14, 56-74
			Hair Loss, Forepaw, Bilateral	21-49
			Removed from study	74
M	III	643188	General observation, No Abnormality Detected	0-74
			Removed from study	74
M	III	643230	General observation, No Abnormality Detected	0-74
			Removed from study	74
M	III	643170	General observation, No Abnormality Detected	0-74
			Removed from study	74
M	III	643144	General observation, No Abnormality Detected	0-21
			Hair Loss, Forepaw, Right	28-74
			Removed from study	74
M	III	643277	General observation, No Abnormality Detected	0-74
			Removed from study	74
M	III	643214	General observation, No Abnormality Detected	0-74
			Removed from study	74
M	III	643261	General observation, No Abnormality Detected	0-74
			Removed from study	74
M	III	643166	General observation, No Abnormality Detected	0-74
			Removed from study	74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	III	643153	General observation, No Abnormality Detected Removed from study	0-74 74
M	III	643177	General observation, No Abnormality Detected Removed from study	0-74 74
M	III	643198	General observation, No Abnormality Detected Hair Loss, Forepaw, Bilateral Hair Loss, Forepaw, Left Wound, Superficial, Tail Removed from study	0-14 21-49 56-74 21-74 74
M	III	643291	General observation, No Abnormality Detected Removed from study	0-74 74
M	III	643184	General observation, No Abnormality Detected Removed from study	0-74 74
M	III	643167	General observation, No Abnormality Detected Removed from study	0-74 74
M	III	643223	General observation, No Abnormality Detected Removed from study	0-74 74
M	III	643233	General observation, No Abnormality Detected General Teeth Observations, Absent General Teeth Observations, Clipped Removed from study	0-49, 74 56-63 58-70 74
M	III	643183	General observation, No Abnormality Detected Removed from study	0-74 74
M	III	643219	General observation, No Abnormality Detected Removed from study	0-74 74
M	III	643263	General observation, No Abnormality Detected Removed from study	0-74 74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	V	643250	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	V	643243	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44 91 80 91
M	V	643311	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	V	643318	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	V	643247	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Hair Loss, Thoracic, Ventral Mass Thoracic, Lateral, Mass #1, Ulcerated, 1.5 cm Mass Thoracic, Lateral, Mass #1, Not Ulcerated, 2.0 cm Mass Thoracic, Lateral, Mass #1, Not Ulcerated, 1.5 cm Sacrificed by design	0-42, 49-56 44, 91 80 91 84-90 77 58-70 91
M	V	643175	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right Breathing Observations, Fast Breathing Observations, Labored Discharge, Mouth, Red Discharge, Nose, Black Muscle Tone, Decreased Pale Comments, excessive toe nail bleed Comments, 2ml blood Stain Fur/Skin, Inguen, Brown Stain Fur/Skin, Perineum, Brown Stained Cageboard, Red, alot of red from toe nail Accidentally Killed	0-42, 49-56 44 77 77 66-76 63-76 73-77 73-77 76 66 77 73-77 73-77 77

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	V	643314	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Absent No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77 44, 91 84-91 80 91
M	V	643275	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44 91 80 91
M	V	643257	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 91 44 80 91
M	V	643224	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	V	643169	General observation, No Abnormality Detected Eye Observations, Partially Closed, Left Eye Observations, Partially Closed Eye Observations, Enophthalmus, Left Eye Observations, Exophthalmus, Left Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Eye Observations, Bled via Orbital for Clin Path, Right, bled by tail vein Eye Observations, Corneal Opacity, Left Discharge, Eye left, Black Hair Loss, Face, Left Swollen Observations, Face Sacrificed by design	0, 7, 14-28, 35-49 133, 140-154, 161-181 119, 126 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-175 56-70 55 9, 21, 115 0-3, 34, 76, 89, 92-96, 101, 125, 139, 160, 181 108 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-175 56-63 70, 77-84, 90, 98, 105 56-70, 77-84 181

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	V	643159	General observation, No Abnormality Detected	0
			Eye Observations, Exophthalmus, Left	161-181
			Eye Observations, Bled via Orbital for Clin Path, Left	9,21,55,96,108,139,160,181
			Eye Observations, Bled via Orbital for Clin Path, Right	0,3,34,76,89,92,101,115,125
			Eye Observations, Corneal Opacity, Bilateral	175-181
			Eye Observations, Corneal Opacity, Right	7,14-28,35-49,56-70,77-84,90,
			General Teeth Observations, Maloccluded	98,105,112,119,126-133,140-154,161-168
			General Teeth Observations, Clipped	119,126-133,140-154,161-181
			Hyperreactive	77-84,90,98,105,112,119,126-133,
			Discharge, Eye left, Black	140-154,161-175
			Discharge, Eye right, Black	126-133,140-154,161-175
			Sacrificed by design	126-133,140-154,161-168,181
				35
				181
M	V	643286	General observation, No Abnormality Detected	0,7,14-28,35-49,56-70,77-84,90,
			Eye Observations, Partially Closed, Left	98,105,112,119,133,140-154,161-181
			Eye Observations, Bled via Orbital for Clin Path, Left	126
			Eye Observations, Bled via Orbital for Clin Path, Right	3,21,55,96,108,115,125,139,160,181
			Discharge, Eye left, Black	0,9,34,76,89,92,101
			Sacrificed by design	126
				181
M	V	643181	General observation, No Abnormality Detected	0,7,14-28,35-49,56-70,77,82-84,
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	90
			Eye Observations, Bled via Orbital for Clin Path, Left	0
			Eye Observations, Bled via Orbital for Clin Path, Right	9,21,55,76,89,92-96,101,108,115,139,160,
			Eye Observations, Corneal Opacity, Right	181
			Comments, compound evident on lips	3,34,125
			Sacrificed by design	98,105,112,119,126-133,140-154,161-181
				81
				181
M	V	643206	General observation, No Abnormality Detected	0,7,14-28,42-49,56-70,77-84,90,
			Eye Observations, Exophthalmus, Right	98,105,112,119,126-133,140-154,161-181
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	35
			Eye Observations, Bled via Orbital for Clin Path, Left	76,108,115,125,139
			Eye Observations, Bled via Orbital for Clin Path, Right	3,9,21,55,96,160,181
			Discharge, Eye right, Black	0,34,89,92,101
			Sacrificed by design	35
				181
M	V	643313	General observation, No Abnormality Detected	0-74
			Removed from study	74
M	V	643182	General observation, No Abnormality Detected	0-74
			Removed from study	74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	V	643146	General observation, No Abnormality Detected Hair Loss, Forepaw, Right Removed from study	0-70 74 74
M	V	643312	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643199	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643267	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643216	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643244	General observation, No Abnormality Detected Hyperreactive Removed from study	0-14, 63-74 21-56 74
M	V	643245	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643301	General observation, No Abnormality Detected Hair Loss, Forelimb, Left Removed from study	0-70 74 74
M	V	643200	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643255	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643157	General observation, No Abnormality Detected Hyperreactive Removed from study	0-49 56-74 74
M	V	643238	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643227	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643164	General observation, No Abnormality Detected Removed from study	0-74 74

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INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	V	643154	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643156	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643208	General observation, No Abnormality Detected Removed from study	0-74 74
M	V	643190	General observation, No Abnormality Detected Removed from study	0-74 74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	VII	643194	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44, 91 80 91
M	VII	643252	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-70 44, 91 77, 84-91 80 91
M	VII	643260	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Wound, Superficial, Shoulder, Left Sacrificed by design	0, 42, 49-77, 84-91 44, 91 80 7-35 91
M	VII	643315	Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Hair Loss, Forepaw, Bilateral Hair Loss, Forepaw, Left Sacrificed by design	44, 91 84-91 80 42, 49-77, 84-91 0-35 91
M	VII	643215	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Stain Fur/Skin, Forepaw, Left, Red Stain Fur/Skin, Perineum, Red Stain Fur/Skin, Face, Red Sacrificed by design	0-42, 49-63 44, 91 77, 84-91 80 70 70 70 91
M	VII	643193	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Comments, compound present on mouth Sacrificed by design	0-42, 49-56 44, 91 57-77, 84-91 80 57 91
M	VII	643298	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Swollen Observations, Nose Sacrificed by design	0-42, 49-77 44, 91 84-91 80 84 91

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	VII	643201	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Misshapen Observations, Tail Sacrificed by design	0 44, 91 84-91 80 7-42, 49-77, 84-91 91
M	VII	643259	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-56 91 44 57-77, 84-91 80 91
M	VII	643174	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91 44 91 80 91
M	VII	643283	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Broken General Teeth Observations, Maloccluded General Teeth Observations, Clipped Discharge, Nose, Black Sacrificed by design	0, 7, 14-28, 35-49, 56 76, 160 9, 21, 55, 96, 108, 139, 181 0-3, 34, 89, 92, 101, 115, 125 70 58-70, 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-181 58-70, 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-175 112, 119 181
M	VII	643149	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped Hyperreactive Discharge, Nose, Black Hair Loss, Forepaw, Bilateral Sacrificed by design	0, 7, 14, 181 101 3, 21, 55, 96, 108, 115, 125, 139, 160, 181 0, 9, 34, 76, 89, 92 119, 126-133, 140-154, 161-175 133, 140-154, 161-175 112, 119, 126 21-28, 35-49, 56-70, 77-84, 90, 98, 105 181

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	VII	643178	General observation, No Abnormality Detected Eye Observations, Partially Closed, Right Eye Observations, Enophthalmus, Right Eye Observations, Exophthalmus, Right Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Eye Observations, Bled via Orbital for Clin Path, unable to bleed Eye Observations, Corneal Opacity, Right General Teeth Observations, Clipped Discharge, Nose, Brown Wound, Superficial, Mouth Sacrificed by design	0, 7, 14-21 119, 126-133, 140-154, 161-181 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-181 28, 35-54, 56-70 9, 55, 76, 89, 92-96, 108, 115, 125, 139, 160, 181 0-3, 34, 101 21 28, 35-54, 56-70, 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-181 54, 56-70, 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-175 28 28, 35 181
M	VII	643152	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped Discharge, Eye right, Black Comments, compound evident on mouth Sacrificed by design	0, 7, 14-28, 35-49, 63-70, 77-84, 90, 98, 105, 181 55, 76, 89, 92 9, 21, 96, 101, 108, 115, 125, 139, 160, 181 0-3, 34 112, 119, 126-133, 140-154, 161-175 56 10 181
M	VII	643295	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped Sacrificed by design	0, 7, 14-28, 35-49, 56, 181 9, 21, 55, 96, 108, 139, 160, 181 0-3, 34, 76, 89, 92, 101, 115, 125 57-70, 77-84, 90, 98, 105, 112, 119, 126-133, 140-154, 161-175 181
M	VII	643289	General observation, No Abnormality Detected General Teeth Observations, Clipped Removed from study	0-49, 74 54-70 74
M	VII	643171	General observation, No Abnormality Detected General Teeth Observations, Broken General Teeth Observations, Clipped Discharge, Nose, Red Discharge, Eye right, Red Hair Loss, Forepaw, Bilateral Hair Loss, Forepaw, Left Stain Fur/Skin, Perineum, Red Stain Fur/Skin, Periocular, Right, Brown Removed from study	0 70-74 70 70 70 14-74 7 70 74 74

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INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	VII	643158	General observation, No Abnormality Detected Removed from study	0-74 74
M	VII	643249	General observation, No Abnormality Detected General Teeth Observations, Broken General Teeth Observations, Clipped Discharge, Nose, Black Diarrhea, Brown Stain Fur/Skin, Forepaw, Bilateral, Red Removed from study	0-63 70-74 70 70 70 70 74
M	VII	643161	General observation, No Abnormality Detected General Teeth Observations, Clipped Removed from study	0-63, 74 70 74
M	VII	643309	General observation, No Abnormality Detected General Teeth Observations, Clipped Breathing Observations, Labored Breathing Observations, Noise Discharge, Mouth, Red Discharge, Nose, Red Stain Fur/Skin, Forepaw, Bilateral, Red Stain Fur/Skin, Perineum, Yellow Accidentally Killed	0-49 54-70 70 69 69-70 70 70 70 70
M	VII	643248	General observation, No Abnormality Detected General Teeth Observations, Absent General Teeth Observations, Clipped Removed from study	0-63, 74 70 70 74
M	VII	643285	General observation, No Abnormality Detected Abnormal Gait, Hindlimb, Left Swollen Observations, Hindlimb, Left Removed from study	0-56, 74 63-70 63-70 74
M	VII	643278	General observation, No Abnormality Detected Discharge, Mouth, Clear Removed from study	0-28, 56-74 31-49 74
M	VII	643299	General observation, No Abnormality Detected Removed from study	0-74 74
M	VII	643274	General observation, No Abnormality Detected Hyperreactive Removed from study	0-14, 56-74 21-49 74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	VII	643192	General observation, No Abnormality Detected Comments, teeth loose General Teeth Observations, Broken General Teeth Observations, Clipped Comments, teeth loose Removed from study	0-63 67 70-74 70 67 74
M	VII	643222	General observation, No Abnormality Detected Removed from study	0-74 74
M	VII	643160	General observation, No Abnormality Detected General Teeth Observations, Broken General Teeth Observations, Clipped Removed from study	0-63 74 70 74
M	VII	643191	General observation, No Abnormality Detected Removed from study	0-74 74
M	VII	643203	General observation, No Abnormality Detected General Teeth Observations, Absent General Teeth Observations, Clipped Discharge, Mouth, Clear Removed from study	0-28, 56-70 74 74 34-49 74
M	VII	643282	General observation, No Abnormality Detected General Teeth Observations, Absent General Teeth Observations, Clipped Removed from study	0-63 70-74 70 74
M	VII	643302	General observation, No Abnormality Detected General Teeth Observations, Clipped Discharge, Eye right, Red Stain Fur/Skin, Periocular, Bilateral, Black Removed from study	0-63 74 70 74 74
M	VII	643317	General observation, No Abnormality Detected Removed from study	0-74 74
M	VII	643225	General observation, No Abnormality Detected General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-49 54-77, 84-119, 125 80, 122 125

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	VII	643296	General observation, No Abnormality Detected General Teeth Observations, Broken General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Diarrhea, Brown Stain Fur/Skin, Tail, Brown Stain Fur/Skin, Chin, Red Sacrificed by design	0-63 70-77, 84-90 98-119, 125 80, 122 70 119, 125 70 125
M	VII	643258	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Comments, animal did not receive whole dose Stain Fur/Skin, Perineum, Red Sacrificed by design	0-35, 42-63, 84-119, 125 80, 122 41 70-77 125
M	VII	643316	General observation, No Abnormality Detected General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-105 112-119, 125 80, 122 125
M	VII	643220	General observation, No Abnormality Detected Eye Observations, Enoththalmus, Right General Teeth Observations, Absent General Teeth Observations, Broken General Teeth Observations, Clipped General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-28 35-77, 84-119, 125 63 70-77, 84-119, 125 63-77, 84-119, 125 80, 122 125
M	VII	643236	General observation, No Abnormality Detected General Teeth Observations, Absent General Teeth Observations, Broken General Teeth Observations, Clipped Discharge, Mouth, Clear No Ophthalmological Abnormalities Detected Sacrificed by design	0-21, 35-56 63-70 70 63-77, 84-119, 125 28-34 80, 122 125
M	VII	643165	General observation, No Abnormality Detected General Teeth Observations, Broken General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-70 76-77, 84-90 87-119, 125 80, 122 125
M	VII	643266	General observation, No Abnormality Detected General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-70 77, 84-119, 125 80, 122 125

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
M	VII	643151	General observation, No Abnormality Detected General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Hair Loss, Forelimb, Left Sacrificed by design	0-77, 84-90 98-119, 125 80, 122 125 125
M	VII	643234	General observation, No Abnormality Detected General Teeth Observations, Broken General Teeth Observations, Clipped Aggressive Behavior Hyperreactive No Ophthalmological Abnormalities Detected Hair Loss, Forepaw, Bilateral Sacrificed by design	0 80-90 70-119, 125 119, 125 90-119, 125 80, 122 7-119, 125 125
M	VII	643281	General observation, No Abnormality Detected Removed from study, rat physically removed 2/24/01	0-74 80

Company Sanitized. Does not contain TSCA CP

Company Sanitized. Does not contain TSCA CP

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	II	643477	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91, 93 45, 92 93 80 93
F	II	643374	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91, 93 45, 92-93 80 93
F	II	643406	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	II	643486	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	II	643361	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	II	643463	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	II	643398	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	II	643436	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	II	643362	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	II	643354	General observation, No Abnormality Detected	0-42, 49-77, 84-93
			Eye Observations, Bled via Orbital for Clin Path, Right	45, 93
			No Ophthalmological Abnormalities Detected	80
			Sacrificed by design	93
F	II	643402	General observation, No Abnormality Detected	0, 7, 14-28, 35-49
			Eye Observations, Closed, Left	175-181
			Eye Observations, Partially Closed, Left	112, 119, 126-133, 140-154, 161-168
			Eye Observations, Enophthalmus, Left	77-84, 91, 98, 105, 112, 119, 126-133,
				140-154, 161-181
			Eye Observations, Exophthalmus, Left	56-70
			Eye Observations, Bled via Orbital for Clin Path, Left	9, 21
			Eye Observations, Bled via Orbital for Clin Path, Right	0-3, 34, 55, 76, 89, 92-96, 101, 108, 115, 125,
				139, 160, 181
			Eye Observations, Bled via Orbital for Clin Path, Right	70, 77-84, 91, 98, 105, 112, 119, 126-133,
				140-154, 161-181
			Eye Observations, Corneal Opacity, Left	105
			Discharge, Nose, Black	70
			Hair Loss, Face, Left	181
			Sacrificed by design	
F	II	643383	General observation, No Abnormality Detected	0, 7, 14-28, 35-49, 56-70, 77-84, 91,
				147-154
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	55
			Eye Observations, Bled via Orbital for Clin Path, Left	9, 21, 96, 108, 160, 181
			Eye Observations, Bled via Orbital for Clin Path, Right	0-3, 34, 76, 89, 92, 101, 115, 125, 139
			Breathing Observations, Noise	140
			Discharge, Eye bilateral, Black	98, 105, 112, 119, 126-133
			Discharge, Eye bilateral, Brown	161
			Discharge, Nose, Black	98, 105, 112
			Discharge, Eye right, Black	140
			Discharge, Eye right, Brown	168-181
			Sacrificed by design	181
F	II	643465	General observation, No Abnormality Detected	0, 7, 14-28, 35-49, 56-70, 77-84, 91,
				98, 119, 147-154, 161-181
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	0
			Eye Observations, Bled via Orbital for Clin Path, Left	9, 21, 96, 139, 160, 181
			Eye Observations, Bled via Orbital for Clin Path, Right	3, 34, 55, 76, 89, 92, 101, 108, 115, 125
			Discharge, Eye bilateral, Black	133, 140
			Discharge, Eye right, Black	105, 126
			Hair Loss, Face, Right	112
			Sacrificed by design	181

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	II	643484	General observation, No Abnormality Detected	0, 7, 14-21
			Eye Observations, Exophthalmus, Right	35-49
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	3, 9, 21, 34, 55, 76, 160
			Eye Observations, Bled via Orbital for Clin Path, Left	96, 139, 181
			Eye Observations, Bled via Orbital for Clin Path, Right	0, 89, 92, 101, 108, 115, 125
			Eye Observations, Corneal Opacity, Bilateral	35-49, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181
			Eye Observations, Corneal Opacity, Left	28
			Breathing Observations, Noise	140-154, 161-181
			Discharge, Eye bilateral, Black	77
			Discharge, Eye right, Black	35-42, 56
			Sacrificed by design	181
F	II	643384	General observation, No Abnormality Detected	0, 7, 14-28, 35-49, 56-70, 77-84, 91, 98, 105, 112, 147-154, 161-181
			Eye Observations, Exophthalmus, Left	119, 126-133, 140
			Eye Observations, Bled via Orbital for Clin Path, Left	9, 21, 96, 108, 115, 125, 139, 181
			Eye Observations, Bled via Orbital for Clin Path, Right	0-3, 34, 55, 76, 89, 92, 101, 160
			Sacrificed by design	181
F	II	643352	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	II	643343	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	II	643459	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	II	643394	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	II	643480	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	II	643319	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	II	643350	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	II	643363	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	II	643397	General observation, No Abnormality Detected	0-74
			Removed from study	74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	II	643421	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643420	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643419	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643414	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643401	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643455	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643378	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643393	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643447	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643478	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643386	General observation, No Abnormality Detected Removed from study	0-74 74
F	II	643405	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Hair Loss, Forelimb, Bilateral Hair Loss, Forelimb, Left Sacrificed by design	0-21 80, 122 28-77, 84-112 119, 125 125
F	II	643425	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
F	II	643448	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Hair Loss, Forepaw, Bilateral Sacrificed by design	0-56, 112-119, 125 80, 122 63-77, 84-105 125

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	II	643426	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
F	II	643415	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
F	II	643453	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
F	II	643330	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
F	II	643336	General observation, No Abnormality Detected Discharge, Vulva, Red No Ophthalmological Abnormalities Detected Mass Perineum, Mass #1, Ulcerated, 1.0 cm Sacrificed in extremis	0-77, 84-98 105 80 105 105
F	II	643387	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
F	II	643377	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	IV	643390	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91, 93 45, 92-93 80 93
F	IV	643396	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Hair loss, Side, Left Sacrificed by design	0-42, 49-77 45, 92-93 80 84-91, 93 93
F	IV	643380	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	IV	643433	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	IV	643389	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped Discharge, Eye right, Black No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-56 45, 93 58-77, 84-93 63-70 80 93
F	IV	643410	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	IV	643321	General observation, No Abnormality Detected Abnormal Vocalization Convulsions, Clonic, went stiff Breathing Observations, Fast Prostrate Diarrhea, Brown Sacrificed in extremis	0-28 29 29 29 29 29 29
F	IV	643324	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right Hyperactive No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49 45, 93 56-77, 84-93 80 93

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	IV	643458	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	IV	643364	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	IV	643483	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Sacrificed by design	0, 7, 14-28, 35-49, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181 0-3 9, 21, 96, 108, 139, 160, 181 34, 55, 76, 89, 92, 101, 115, 125 181
F	IV	643411	Eye Observations, Bled via Orbital for Clin Path, Right Comments, ak during bleed Accidentally killed	0 0 0
F	IV	643379	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Discharge, Eye right, Black Discharge, Eye right, Brown Sacrificed by design	0, 7, 14-28, 35-49, 56-70, 77-84, 91, 98, 105, 126, 147-154, 161-181 101, 108, 115, 125 3, 9, 21, 96, 139, 160, 181 0, 34, 55, 76, 89, 92 112, 119 133, 140 181
F	IV	643391	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Hair Loss, Nose Wound, Superficial, Nose Sacrificed by design	0, 7, 49, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181 3, 9, 21, 96, 108, 139, 160, 181 0, 34, 55, 76, 89, 92, 101, 115, 125 21-28, 35-42 14 181
F	IV	643437	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Sacrificed by design	0, 7, 14-28, 35-49, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181 3, 9, 21, 96, 108, 139, 160, 181 0, 34, 55, 76, 89, 92, 101, 115, 125 181
F	IV	643399	General observation, No Abnormality Detected Removed from study	0-74 74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	IV	643334	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643464	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643369	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643490	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643342	General observation, No Abnormality Detected Hair Loss, Forepaw, Bilateral Hair Loss, Forepaw, Right Removed from study	0-14 21-56 63-74 74
F	IV	643438	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643445	General observation, No Abnormality Detected Comments, compound evident on mouth Removed from study	0-70, 74 73 74
F	IV	643418	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643325	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643479	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643403	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643376	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643422	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643452	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643475	General observation, No Abnormality Detected Removed from study	0-74 74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	IV	643372	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643400	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643395	General observation, No Abnormality Detected Removed from study	0-74 74
F	IV	643457	General observation, No Abnormality Detected Removed from study	0-74 74

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5386

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VI	643322	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-91, 93 45, 92-93 80 93
F	VI	643489	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	VI	643409	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	VI	643366	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	VI	643367	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	VI	643461	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Right Retina, Retinal Degeneration Diffuse, Left Sacrificed by design	0-42, 49-77, 84-93 93 45 80 93
F	VI	643462	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	VI	643392	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	VI	643472	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VI	643323	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Comments, protective gavage ball fell off predose Sacrificed by design	0-28, 35-42, 49-77, 84-93 45, 93 80 34 93
F	VI	643412	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Sacrificed by design	0, 7, 14-28, 35-49, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181 181 3, 9, 21, 96, 108, 139, 160 0, 34, 55, 76, 89, 92, 101, 115, 125 181
F	VI	643382	General observation, No Abnormality Detected Eye Observations, Partially Closed, Left Eye Observations, Enophthalmus, Left Eye Observations, Exophthalmus, Left Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Eye Observations, Corneal Opacity, Left	0, 7, 14-21 112, 119, 126-133, 140-154, 161-181 49, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181 28, 35-42 3, 9, 21, 115 0, 34, 55, 76, 89, 92-96, 101, 108, 125, 139, 160, 181 35-49, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181 126-133, 140-154, 161-181 28, 35 63 181
F	VI	643381	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Sacrificed by design	0, 7, 14-28, 35-49, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181 3, 9, 21, 96, 108, 139, 160, 181 0, 34, 55, 76, 89, 92, 101, 115, 125 181
F	VI	643360	General observation, No Abnormality Detected Eye Observations, Exophthalmus, Left Eye Observations, Exophthalmus, Right Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Eye Observations, Corneal Opacity, Left General Teeth Observations, Clipped Discharge, Nose, Black Discharge, Eye left, Black Sacrificed by design	0, 7, 14-28, 35-49, 56-70, 77-84 98, 105, 112, 119, 126 91 89, 92, 108, 115 3, 9, 21, 96, 139, 160, 181 0, 34, 55, 76, 101, 125 98, 105, 112, 119, 126-133, 140-154, 161-181 161-181 119 98, 105, 112 181

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VI	643373	General observation, No Abnormality Detected	0, 7, 14-28
			Eye Observations, Exophthalmus, Bilateral	56-70
			Eye Observations, Exophthalmus, Left	77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181
			Eye Observations, Exophthalmus, Right	35-49
			Eye Observations, Bled via Orbital for Clin Path, Bilateral	0, 55, 76, 89, 92, 108, 115
			Eye Observations, Bled via Orbital for Clin Path, Left	3, 9, 21, 96, 139
			Eye Observations, Bled via Orbital for Clin Path, Right	34, 101, 125, 160, 181
			Eye Observations, Corneal Opacity, Bilateral	56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181
			Eye Observations, Corneal Opacity, Right	35-49
			Discharge, Eye right, Black	35
			Sacrificed by design	181
F	VI	643320	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643488	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643428	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643439	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643353	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643385	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643339	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643473	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643337	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643416	General observation, No Abnormality Detected	0-74
			Removed from study	74
F	VI	643407	General observation, No Abnormality Detected	0-28, 36-42
			Hair Loss, Forelimb, Right	49-74
			Comments, compound evident on lips	35
			Removed from study	74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VI	643357	General observation, No Abnormality Detected Removed from study	0-74 74
F	VI	643331	General observation, No Abnormality Detected Removed from study	0-74 74
F	VI	643427	General observation, No Abnormality Detected Removed from study	0-74 74
F	VI	643470	General observation, No Abnormality Detected Removed from study	0-74 74
F	VI	643434	General observation, No Abnormality Detected Removed from study	0-74 74
F	VI	643349	General observation, No Abnormality Detected Hair Loss, Forepaw, Bilateral Removed from study	0-21, 74 28-70 74
F	VI	643454	General observation, No Abnormality Detected Removed from study	0-74 74
F	VI	643333	General observation, No Abnormality Detected Removed from study	0-74 74
F	VI	643460	General observation, No Abnormality Detected Removed from study	0-74 74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VIII	643341	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-70 45, 92-93 76-77, 84-91, 93 80 93
F	VIII	643370	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-63 45, 93 65-77, 84-93 80 93
F	VIII	643446	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-56 45, 93 63-77, 84-93 80 93
F	VIII	643435	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped Hyperreactive Hyperreactive No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-63 45, 93 84-93 70-77, 84-93 70-77, 84-93 80 93
F	VIII	643466	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77 45, 93 84-93 80 93
F	VIII	643332	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-56 45, 93 63-77, 84-93 80 93
F	VIII	643404	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77 45, 93 84-93 80 93

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VIII	643408	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-63 45, 93 70-77, 84-93 80 93
F	VIII	643359	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right No Ophthalmological Abnormalities Detected Sacrificed by design	0-42, 49-77, 84-93 45, 93 80 93
F	VIII	643340	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Right Hair Loss, Forepaw, Bilateral Found dead in cage.	0-14 45 21-42, 49-69 69
F	VIII	643487	General observation, No Abnormality Detected Eye Observations, Exophthalmus, Right Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Eye Observations, Corneal Opacity, Right General Teeth Observations, Clipped Sacrificed by design	0, 7, 14-28, 35-49, 56-70 77-84 76, 89, 92 3, 9, 21, 96, 108, 139, 160, 181 0, 34, 55, 101, 115, 125 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181 80, 119, 126-133, 140-154, 161-181 181
F	VIII	643356	General observation, No Abnormality Detected Eye Observations, Partially Closed, Left Eye Observations, Exophthalmus, Bilateral Eye Observations, Exophthalmus, Left Eye Observations, Exophthalmus, Right Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Eye Observations, Corneal Opacity, Left General Teeth Observations, Clipped Breathing Observations, Noise Discharge, Eye left, Black Discharge, Eye right, Black Hair Loss, Face, Right Comments, compound evident on mouth Sacrificed by design	0, 7, 14-28 112, 119, 126-133, 140-154, 161-175 181 35-49 161-175 21, 34 3, 9 0, 55, 76, 89, 92-96, 101, 108, 115, 125, 139, 160, 181 35-49, 56-84, 91, 98, 105, 112 105, 112, 119, 126-133, 140-154, 161-181 140-154, 161-175 35, 98, 105, 112, 119 161-175 49 76 181

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VIII	643329	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped Hair Loss, Neck, Dorsal Hair Loss, Nose Sacrificed by design	0, 7, 42-49, 56-70, 77-84, 91, 98 101 3, 9, 21, 96, 108, 139, 160, 181 0, 34, 55, 76, 89, 92, 115, 125 105, 112, 119, 126-133, 140-154, 161-181 14-28, 35 14, 119, 126-133 181
F	VIII	643388	General observation, No Abnormality Detected Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right General Teeth Observations, Clipped Sacrificed by design	0, 7, 14-28, 35-49 3, 9, 21, 96, 108, 139, 160, 181 0, 34, 55, 76, 89, 92, 101, 115, 125 54, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154, 161-181 181
F	VIII	643450	General observation, No Abnormality Detected Eye Observations, Exophthalmus, Left Eye Observations, Bled via Orbital for Clin Path, Bilateral Eye Observations, Bled via Orbital for Clin Path, Left Eye Observations, Bled via Orbital for Clin Path, Right Eye Observations, Corneal Opacity, Left General Teeth Observations, Clipped Discharge, Eye left, Black Comments, growth on left eye Sacrificed by design	0, 7, 14-28, 35-49, 56-70, 77-84, 91, 98, 105, 112, 119, 126-133, 140-154 161-181 108, 115 3, 9, 21, 96, 139, 160 0, 34, 55, 76, 89, 92, 101, 125, 181 168-181 161-181 161 181 181
F	VIII	643467	General observation, No Abnormality Detected General Teeth Observations, Clipped Hair Loss, Hindlimb, Left Hair Loss, Side, Right Removed from study	0-63 70 74 74 74
F	VIII	643443	General observation, No Abnormality Detected Removed from study	0-74 74
F	VIII	643417	General observation, No Abnormality Detected General Teeth Observations, Clipped Removed from study	0-63, 74 70 74
F	VIII	643413	General observation, No Abnormality Detected Removed from study	0-74 74
F	VIII	643338	General observation, No Abnormality Detected Removed from study	0-74 74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VIII	643335	General observation, No Abnormality Detected Removed from study	0-74 74
F	VIII	643468	General observation, No Abnormality Detected General Teeth Observations, Clipped Discharge, Nose, Red Diarrhea, Black Stain Fur/Skin, Face, Brown Removed from study	0-63, 74 70 70 70 70 74
F	VIII	643440	General observation, No Abnormality Detected General Teeth Observations, Clipped Stain Fur/Skin, Inguen, Yellow Stain Fur/Skin, Face, Brown Removed from study	0-56, 74 63-70 70 63-70 74
F	VIII	643430	General observation, No Abnormality Detected Comments, teeth loose General Teeth Observations, Absent General Teeth Observations, Broken Removed from study	0-70 71 71-74 71-74 74
F	VIII	643431	General observation, No Abnormality Detected General Teeth Observations, Clipped Removed from study	0-63 70-74 74
F	VIII	643368	General observation, No Abnormality Detected Eye Observations, Enophthalmus, Bilateral Discharge, Mouth, Tan Dehydrated Stain Fur/Skin, Perineum, Yellow Wet Fur, Perineum Accidentally Killed	0-42 49-53 47-53 47-53 47-53 47-53 53
F	VIII	643326	General observation, No Abnormality Detected General Teeth Observations, Absent General Teeth Observations, Clipped Discharge, Eye bilateral, Black Discharge, Mouth, Clear Removed from study	0-56, 74 63-70 63-70 63 63 74
F	VIII	643365	General observation, No Abnormality Detected Removed from study	0-74 74
F	VIII	643375	General observation, No Abnormality Detected General Teeth Observations, Clipped Removed from study	0-70 74 74

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VIII	643328	General observation, No Abnormality Detected Removed from study	0-74 74
F	VIII	643348	General observation, No Abnormality Detected Removed from study	0-74 74
F	VIII	643346	General observation, No Abnormality Detected Removed from study	0-74 74
F	VIII	643449	General observation, No Abnormality Detected General Teeth Observations, Clipped Removed from study	0-56, 74 63-70 74
F	VIII	643429	General observation, No Abnormality Detected General Teeth Observations, Clipped Hair Loss, Forelimb, Bilateral Hair Loss, Hindlimb, Bilateral Hair Loss, Hindlimb, Right Hair Loss, Side, Bilateral Hair Loss, Side, Right Removed from study	0-28 70 42-74 42-74 35 56-74 49 74
F	VIII	643424	General observation, No Abnormality Detected General Teeth Observations, Clipped Removed from study	0-70 74 74
F	VIII	643347	General observation, No Abnormality Detected General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-112 119, 125 80, 122 125
F	VIII	643456	General observation, No Abnormality Detected General Teeth Observations, Maloccluded General Teeth Observations, Clipped Discharge, Eye right, Red No Ophthalmological Abnormalities Detected Sacrificed by design	0-49 119, 125 54-77, 84-119, 125 119, 125 80, 122 125
F	VIII	643423	General observation, No Abnormality Detected Eye Observations, Enophthalmus, Right General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Mass Abdomen, Mass #2, Not Ulcerated, 1.0 cm Mass Side, Left, Mass #1, Not Ulcerated, 1.5 cm Mass Side, Left, Mass #1, Not Ulcerated, 1 cm. Sacrificed by design	0-14 21-77, 84-119, 125 84-119, 125 80, 122 119, 125 112-119, 125 64-77, 84-105 125

INDIVIDUAL CLINICAL AND OPHTHALMOLOGICAL OBSERVATIONS AND MORTALITY DATA

Sex	Group	Animal	Observation	Days
F	VIII	643345	General observation, No Abnormality Detected General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-49 54-77, 84-119, 125 80, 122 125
F	VIII	643351	General observation, No Abnormality Detected General Teeth Observations, Absent General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-56 63-65 65-77, 84-119, 125 80, 122 125
F	VIII	643358	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
F	VIII	643444	General observation, No Abnormality Detected General Teeth Observations, Clipped General Teeth Observations, Clipped, teeth caught in cage No Ophthalmological Abnormalities Detected Stain Fur/Skin, Shoulder, Right, Brown Sacrificed by design	0-14 105-119, 125 73 80, 122 21-77, 84-112 125
F	VIII	643474	General observation, No Abnormality Detected No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-119, 125 80, 122 125
F	VIII	643441	General observation, No Abnormality Detected General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-56 63-77, 84-119, 125 80, 122 125
F	VIII	643481	General observation, No Abnormality Detected General Teeth Observations, Clipped No Ophthalmological Abnormalities Detected Sacrificed by design	0-77, 84-98 105-119, 125 80, 122 125

APPENDIX F

OPHTHALMOLOGY EXAMINATION REPORTS

OPHTHALMOLOGICAL EXAMINATION REPORT (TEST DAY 80)

NANCY M. BROMBERG, V.M.D., M.S.
EYE CLINIC FOR ANIMALS
6119 MASSACHUSETTS AVE
BETHESDA, MD 20816

STUDY INFORMATION: Study No. [REDACTED]
Species: Rat
Study Director: Greg Ladics

OPHTHALMOLOGICAL EXAMINATION SUMMARY

Examination Date: March 2, 2001

METHODS: Indirect Ophthalmoscopy following 1% Tropicamide mydriasis

Sex	Group#	Cage #	Animal #	Observation
Female	VI	606	643461	Diffuse retinal degeneration OS

COMMENTS/DISCUSSION

One female was identified with retinal degeneration which may be due to trauma to the orbit and/or globe during orbital sinus bleeding. All other animals examined had no visible ophthalmoscopic lesions. No compound related abnormalities were identified.

Nancy M. Bromberg VMD
Nancy M. Bromberg, V.M.D., M.S.
Diplomate, A.C.V.O.

March 9, 2001
Date

OPHTHALMOLOGICAL EXAMINATION REPORT
(TEST DAY 122)

NANCY M. BROMBERG, V.M.D., M.S., D.A.C.V.O.
EYE CLINIC FOR ANIMALS
6119 MASSACHUSETTS AVE
BETHESDA, MD 20816

STUDY INFORMATION: Study No. [REDACTED]
Species: Rat
Study Director: Greg Ladies

OPHTHALMOLOGICAL EXAMINATION SUMMARY
Examination Date: April 13, 2001

METHODS: Indirect Ophthalmoscopy following 1% Tropicamide mydriasis

COMMENTS/DISCUSSION

All animals examined had no visible ophthalmoscopic lesions.


Nancy M. Bromberg, V.M.D., M.S.
Diplomate, A.C.V.O.


Date

APPENDIX G

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Baseline

Male Rats/Group I 0 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Three Trials	Trial 1	Trial 2	Trial 3	Mean of Three Trials
643162	0.52	0.51	0.59	0.54	0.45	0.37	0.43	0.42
643172	0.51	0.83	0.55	0.63	0.31	0.39	0.45	0.38
643195	0.60	0.57	0.35	0.51	0.40	0.38	0.42	0.40
643226	0.56	0.65	0.60	0.60	0.36	0.39	0.28	0.34
643237	0.36	0.29	0.48	0.38	0.58	0.34	0.51	0.48
643246	0.39	0.48	0.48	0.45	0.32	0.53	0.30	0.38
643253	0.52	0.48	0.58	0.53	0.34	0.39	0.52	0.42
643262	0.52	0.60	0.59	0.57	0.51	0.47	0.59	0.52
643303	0.49	0.56	0.51	0.52	0.37	0.39	0.33	0.36
643304	0.40	0.44	0.38	0.41	0.23	0.43	0.30	0.32

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Baseline

Male Rats/Group III 25 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Three Trials	Trial 1	Trial 2	Trial 3	Mean of Three Trials
	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
643173	0.60	0.53	0.43	0.52000	0.48	0.42	0.42	0.44000
643179	0.42	0.33	0.64	0.46333	0.43	0.40	0.50	0.44333
643180	0.45	0.48	0.56	0.49667	0.37	0.47	0.56	0.46667
643228	0.83	0.77	0.72	0.77333	0.27	0.26	0.39	0.30667
643240	0.52	0.46	0.67	0.55000	0.27	0.26	0.24	0.25667
643264	0.59	0.66	0.41	0.55333	0.32	0.39	0.37	0.36000
643272	0.38	0.36	0.55	0.43000	0.37	0.42	0.39	0.39333
643290	0.31	0.60	0.45	0.45333	0.40	0.39	0.45	0.41333
643292	0.50	0.63	0.63	0.58667	0.31	0.30	0.31	0.30667
643308	0.46	0.38	0.39	0.41000	0.59	0.38	0.33	0.43333

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Baseline

Male Rats/Group V 100 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial			Mean of Three Trials	Trial			Mean of Three Trials
	1	2	3		1	2	3	
643175	0.50	0.65	0.41	0.52	0.43	0.30	0.35	0.36
643224	0.57	0.42	0.44	0.48	0.23	0.47	0.28	0.33
643243	0.47	0.37	0.37	0.40	0.32	0.39	0.30	0.34
643247	0.71	0.50	0.80	0.67	0.26	0.29	0.39	0.31
643250	0.64	0.51	0.46	0.54	0.32	0.26	0.39	0.32
643257	0.56	0.48	0.48	0.51	0.38	0.32	0.43	0.38
643275	0.59	0.70	0.54	0.61	0.42	0.32	0.40	0.38
643311	0.74	0.47	0.55	0.59	0.30	0.37	0.35	0.34
643314	0.64	0.60	0.56	0.60	0.37	0.43	0.46	0.42
643318	0.53	0.41	0.38	0.44	0.35	0.45	0.32	0.37

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Baseline

Male Rats/Group VII 250 mg/kg/day

Animal Number	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>
643151	0.66	0.55	0.76	0.66	0.49	0.31	0.46	0.42
643165	0.48	0.54	0.46	0.50	0.33	0.34	0.30	0.32
643220	0.70	0.67	0.53	0.63	0.50	0.40	0.27	0.39
643225	0.56	0.46	0.56	0.53	0.29	0.43	0.66	0.46
643234	0.60	0.47	0.54	0.54	0.33	0.43	0.34	0.37
643236	0.54	0.48	0.51	0.51	0.31	0.38	0.60	0.43
643258	0.53	0.58	0.46	0.52	0.49	0.30	0.43	0.41
643266	0.33	0.38	0.44	0.38	0.36	0.44	0.44	0.41
643296	0.66	0.76	0.61	0.68	0.59	0.41	0.45	0.48
643316	0.56	0.46	0.46	0.49	0.26	0.27	0.38	0.30

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Baseline

Female Rats/Group II 0 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial			Mean of Three Trials	Trial			Mean of Three Trials
	1	2	3		1	2	3	
643330	0.28	0.71	0.57	0.52	0.42	0.33	0.32	0.36
643336	0.60	0.46	0.45	0.50	0.34	0.43	0.53	0.43
643377	0.47	0.77	0.67	0.64	0.45	0.42	0.37	0.41
643387	0.51	0.62	0.88	0.67	0.38	0.41	0.37	0.39
643405	0.51	0.76	0.55	0.61	0.27	0.32	0.23	0.27
643415	0.54	0.68	0.55	0.59	0.31	0.48	0.30	0.36
643425	0.47	0.47	0.61	0.52	0.37	0.40	0.38	0.38
643426	0.37	0.47	0.54	0.46	0.38	0.40	0.35	0.38
643448	0.59	0.80	0.61	0.67	0.41	0.41	0.31	0.38
643453	0.62	0.76	0.63	0.67	0.34	0.34	0.41	0.36

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Baseline

Female Rats/Group IV 25 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial			Mean of Three Trials	Trial			Mean of Three Trials
	1	2	3		1	2	3	
643321	0.74	0.60	0.51	0.62	0.35	0.38	0.26	0.33
643324	0.46	0.63	0.56	0.55	0.33	0.40	0.38	0.37
643364	0.37	0.40	0.53	0.43	0.44	0.43	0.50	0.46
643380	0.43	0.56	0.56	0.52	0.44	0.61	0.43	0.49
643389	0.43	0.31	0.43	0.39	0.35	0.39	0.30	0.35
643390	0.74	0.76	0.73	0.74	0.57	0.37	0.37	0.44
643396	0.47	0.66	0.72	0.62	0.34	0.45	0.36	0.38
643410	0.33	0.30	0.50	0.38	0.33	0.32	0.27	0.31
643433	0.42	0.65	0.47	0.51	0.44	0.35	0.40	0.40
643458	0.62	0.74	0.56	0.64	0.39	0.29	0.35	0.34

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Baseline

Female Rats/Group VI 100 mg/kg/day

Animal Number	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>
643322	0.59	0.65	0.79	0.68	0.43	0.41	0.30	0.38
643323	0.31	0.43	0.52	0.42	0.29	0.32	0.30	0.30
643366	0.80	0.70	0.68	0.73	0.49	0.36	0.42	0.42
643367	0.30	0.38	0.28	0.32	0.34	0.27	0.35	0.32
643392	0.48	0.37	0.62	0.49	0.41	0.32	0.27	0.33
643409	0.51	0.61	0.77	0.63	0.36	0.30	0.31	0.32
643461	0.61	0.44	0.40	0.48	0.35	0.36	0.27	0.33
643462	0.36	0.63	0.71	0.57	0.32	0.30	0.41	0.34
643472	0.50	0.42	0.51	0.48	0.33	0.37	0.36	0.35
643489	0.56	0.55	0.60	0.57	0.49	0.50	0.37	0.45

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Baseline

Female Rats/Group VIII 250 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Mean of Three Trials			Mean of Three Trials	Mean of Three Trials			Mean of Three Trials
	Trial 1	Trial 2	Trial 3		Trial 1	Trial 2	Trial 3	
643345	0.39	0.56	0.60	0.52	0.28	0.40	0.35	0.34
643347	0.76	0.86	0.77	0.80	0.45	0.51	0.27	0.41
643351	0.87	0.77	0.76	0.80	0.26	0.36	0.39	0.34
643358	0.56	0.41	0.56	0.51	0.42	0.34	0.31	0.36
643423	0.33	0.48	0.37	0.39	0.33	0.36	0.41	0.37
643441	0.66	0.42	0.43	0.50	0.30	0.37	0.37	0.35
643444	0.57	0.67	0.53	0.59	0.44	0.32	0.41	0.39
643456	0.59	0.77	0.88	0.75	0.29	0.25	0.31	0.28
643474	0.45	0.52	0.46	0.48	0.34	0.41	0.37	0.37
643481	0.56	0.86	0.42	0.61	0.30	0.35	0.38	0.34

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Week 13

Male Rats/Group I 0 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial			Mean of Three Trials	Trial			Mean of Three Trials
	1	2	3		1	2	3	
643162	1.44	0.99	0.99	1.14	0.89	0.71	0.86	0.82
643172	1.39	1.73	1.63	1.58	1.01	0.65	0.78	0.81
643195	1.60	1.18	1.51	1.43	0.95	0.80	0.98	0.91
643226	2.29	1.33	1.64	1.75	0.90	1.01	0.90	0.94
643237	0.87	1.05	0.94	0.95	0.61	0.85	0.83	0.76
643246	0.80	0.96	0.69	0.82	0.69	0.59	0.51	0.60
643253	1.48	1.46	2.10	1.68	0.83	1.14	0.87	0.95
643262	1.43	2.32	1.20	1.65	1.04	1.20	0.91	1.05
643303	1.65	1.69	1.59	1.64	1.04	0.96	0.80	0.93
643304	0.84	1.54	1.17	1.18	0.63	0.61	0.62	0.62

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Week 13

Male Rats/Group III 25 mg/kg/day

Animal Number	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>
643173	1.98	1.44	1.78	1.73	0.68	0.78	0.68	0.71
643179	0.64	1.01	1.09	0.91	1.00	0.95	0.79	0.91
643180	1.49	1.64	1.28	1.47	0.71	0.71	0.86	0.76
643228	1.76	1.92	1.14	1.61	0.94	0.67	0.86	0.82
643240	1.60	1.35	1.03	1.33	0.70	0.75	0.82	0.76
643264	0.74	1.48	0.97	1.06	0.90	0.75	0.77	0.81
643272	1.50	1.05	1.01	1.19	0.80	0.61	0.70	0.70
643290	1.35	0.92	1.24	1.17	0.88	0.69	0.97	0.85
643292	1.15	1.12	1.40	1.22	0.74	0.97	0.93	0.88
643308	1.54	2.09	1.72	1.78	0.99	0.69	0.82	0.83

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Week 13

Male Rats/Group V 100 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Three Trials	Trial 1	Trial 2	Trial 3	Mean of Three Trials
643175 ^a	...	...	...	...	...	...	...	...
643224	1.24	0.70	0.57	0.84	0.67	0.80	0.66	0.71
643243	0.76	1.03	1.25	1.01	0.80	0.75	0.61	0.72
643247	1.43	1.48	1.18	1.36	0.76	0.97	0.87	0.87
643250	1.64	1.54	1.98	1.72	0.87	1.07	1.29	1.08
643257	1.33	1.49	1.03	1.28	0.63	1.17	0.63	0.81
643275	1.99	0.92	1.05	1.32	0.77	0.76	0.95	0.83
643311	1.64	1.95	0.82	1.47	0.67	0.51	0.65	0.61
643314	1.99	1.73	1.81	1.84	0.77	0.81	0.76	0.78
643318	1.77	1.43	1.39	1.53	0.74	0.74	0.89	0.79

^a Sacrificed *in extremis* prior to evaluation.

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Week 13

Male Rats/Group VII 250 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Three Trials	Trial 1	Trial 2	Trial 3	Mean of Three Trials
643151	1.32	1.31	1.33	1.32	0.56	0.74	0.81	0.70
643165	0.75	1.62	1.59	1.32	0.56	0.61	0.50	0.56
643220	1.15	1.01	0.63	0.93	0.84	0.70	0.76	0.77
643225	1.73	1.63	1.86	1.74	0.70	0.70	0.76	0.72
643234	1.42	1.34	1.25	1.34	0.61	0.78	0.78	0.72
643236	1.54	1.22	1.03	1.26	0.61	0.74	0.65	0.67
643258	0.91	1.65	1.21	1.26	0.69	0.92	1.10	0.90
643266	0.98	1.00	1.04	1.01	0.71	0.53	0.61	0.62
643296	1.49	1.33	1.85	1.56	0.97	0.77	0.73	0.82
643316	1.58	1.22	1.21	1.34	0.85	0.99	0.74	0.86

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Week 13

Female Rats/Group II 0 mg/kg/day

Animal Number	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	Mean of Three Trials	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	Mean of Three Trials
643330	0.93	1.00	0.94	0.96	0.66	0.91	0.85	0.81
643336	1.12	1.37	1.27	1.25	0.55	0.66	0.50	0.57
643377	1.16	1.63	1.45	1.41	0.58	0.91	0.86	0.78
643387	1.17	0.69	0.96	0.94	0.88	0.74	0.80	0.81
643405	1.05	1.31	1.19	1.18	0.58	0.53	0.74	0.62
643415	1.13	0.97	0.64	0.91	0.77	0.65	0.69	0.70
643425	1.42	1.23	1.20	1.28	0.62	0.62	0.63	0.62
643426	1.10	0.90	1.05	1.02	0.82	0.92	0.80	0.85
643448	1.16	1.41	0.92	1.16	0.80	0.83	0.74	0.79
643453	1.84	1.48	1.80	1.71	0.69	0.79	0.85	0.78

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Week 13

Female Rats/Group IV 25 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Three Trials	Trial 1	Trial 2	Trial 3	Mean of Three Trials
643321 ^a	...	...	...	...	...	...	...	...
643324	0.77	0.95	1.07	0.93	0.59	0.45	0.53	0.52
643364	0.71	0.57	1.39	0.89	0.71	0.74	0.71	0.72
643380	1.45	1.44	0.90	1.26	0.62	0.70	0.76	0.69
643389	1.27	1.13	1.36	1.25	0.73	0.82	0.67	0.74
643390	1.64	1.68	1.21	1.51	0.73	0.79	0.81	0.78
643396	1.25	1.17	1.05	1.16	0.85	1.10	0.81	0.92
643410	1.58	1.48	1.12	1.39	0.71	0.90	0.81	0.81
643433	1.12	1.10	1.15	1.12	0.50	0.61	0.56	0.56
643458	1.13	1.61	1.53	1.42	0.72	0.69	0.76	0.72

^a Sacrificed *in extremis* prior to evaluation.

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Week 13

Female Rats/Group VI 100 mg/kg/day

Animal Number	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
	<u>Mean of Three Trials</u>			<u>Mean of Three Trials</u>	<u>Mean of Three Trials</u>			<u>Mean of Three Trials</u>
	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>		<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	
643322	0.74	0.52	0.53	0.60	0.42	0.57	0.46	0.48
643323	1.12	0.93	0.64	0.90	0.56	0.59	0.62	0.59
643366	1.00	1.62	1.22	1.28	0.75	0.77	0.81	0.78
643367	1.19	0.95	0.74	0.96	0.69	0.69	0.56	0.65
643392	0.87	1.06	0.75	0.89	0.45	0.69	0.59	0.58
643409	1.05	1.31	1.56	1.31	0.50	0.51	0.71	0.57
643461	1.02	1.23	1.38	1.21	0.62	0.80	0.67	0.70
643462	0.72	1.11	1.50	1.11	0.75	0.81	0.82	0.79
643472	1.02	1.36	0.90	1.09	0.55	0.81	0.50	0.62
643489	1.05	1.18	0.80	1.01	0.70	0.70	0.71	0.70

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Week 13

Female Rats/Group VIII 250 mg/kg/day

Animal Number	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>
643345	0.77	0.65	0.56	0.66	0.75	0.66	0.59	0.67
643347	0.84	0.91	0.66	0.80	0.64	0.54	0.71	0.63
643351	0.66	1.22	0.77	0.88	0.69	0.51	0.57	0.59
643358	0.88	0.89	0.65	0.81	0.67	0.45	0.53	0.55
643423	1.08	1.00	1.27	1.12	0.58	0.67	0.64	0.63
643441	0.90	1.53	0.89	1.11	0.66	0.71	0.71	0.69
643444	1.02	1.58	1.34	1.31	0.84	0.88	0.92	0.88
643456	0.77	0.94	0.99	0.90	0.34	0.35	0.36	0.35
643474	1.21	1.33	1.02	1.19	0.54	0.72	0.67	0.64
643481	1.37	1.46	1.01	1.28	0.98	0.75	0.63	0.79

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Recovery

Male Rats/Group I 0 mg/kg/day

Animal Number	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
	Trial			Mean of Three Trials	Trial			Mean of Three Trials
	1	2	3		1	2	3	
643162	1.09	0.78	1.30	1.06	0.74	0.65	0.62	0.67
643172	1.26	1.37	1.66	1.43	0.65	0.92	0.78	0.78
643195	1.42	1.16	1.67	1.42	0.61	0.76	0.76	0.71
643226	1.31	0.82	1.51	1.21	0.64	0.58	0.61	0.61
643237	0.69	0.73	0.79	0.74	0.64	0.61	0.65	0.63
643246	0.99	0.76	0.81	0.85	0.66	0.77	0.62	0.68
643253	1.10	1.22	1.34	1.22	1.47	0.76	1.05	1.09
643262	1.83	1.86	1.21	1.63	0.72	1.01	0.81	0.85
643303	1.16	1.62	2.08	1.62	0.70	0.70	0.58	0.66
643304	1.89	1.04	1.56	1.50	0.67	0.71	0.76	0.71

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Recovery

Male Rats/Group VII 250 mg/kg/day

Animal Number	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Mean of Three Trials</u>
643151	1.34	0.80	1.30	1.15	0.71	0.52	0.59	0.61
643165	2.05	1.85	1.45	1.78	0.66	0.75	0.61	0.67
643220	0.75	0.62	0.73	0.70	0.90	0.82	0.86	0.86
643225	0.91	0.94	1.22	1.02	0.89	0.80	0.76	0.82
643234	1.58	0.60	0.55	0.91	0.65	0.64	0.63	0.64
643236	0.81	0.93	0.75	0.83	0.85	0.87	0.74	0.82
643258	0.99	1.01	0.86	0.95	0.63	0.63	0.71	0.66
643266	1.21	0.89	0.77	0.96	0.84	0.87	0.59	0.77
643296	1.14	1.27	1.55	1.32	0.97	0.80	0.80	0.86
643316	0.86	0.70	0.55	0.70	0.77	0.71	0.86	0.78

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Recovery

Female Rats/Group II 0 mg/kg/day

Animal Number	Forelimb Grip Strength (kg)				Hindlimb Grip Strength (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Three Trials	Trial 1	Trial 2	Trial 3	Mean of Three Trials
643330	0.65	0.64	0.55	0.61	0.46	0.58	0.54	0.53
643336 ^a	...	...	...	...	...	...	...	...
643377	0.93	0.86	0.98	0.92	0.76	0.67	0.78	0.74
643387	1.27	1.43	1.19	1.30	0.80	0.72	0.76	0.76
643405	0.98	0.94	1.01	0.98	0.55	0.59	0.63	0.59
643415	1.11	1.63	1.61	1.45	0.73	0.61	0.67	0.67
643425	1.15	1.51	1.34	1.33	0.73	0.65	0.70	0.69
643426	0.93	1.21	1.16	1.10	0.82	0.90	0.79	0.84
643448	0.83	0.75	0.73	0.77	0.59	0.73	0.58	0.63
643453	1.15	0.97	1.35	1.16	0.93	0.59	0.69	0.74

^a Sacrificed *in extremis* prior to evaluation.

INDIVIDUAL FORELIMB GRIP STRENGTH AND HINDLIMB GRIP STRENGTH

Recovery

Female Rats/Group VIII 250 mg/kg/day

Animal Number	<u>Forelimb Grip Strength (kg)</u>				<u>Hindlimb Grip Strength (kg)</u>			
	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	Mean of Three Trials	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	Mean of Three Trials
643345	0.86	0.72	0.89	0.82	0.68	0.72	0.72	0.71
643347	0.65	0.71	0.94	0.77	0.64	0.50	0.57	0.57
643351	1.56	1.38	0.93	1.29	0.57	0.62	0.54	0.58
643358	0.93	1.30	1.16	1.13	0.53	0.66	0.68	0.62
643423	0.73	1.30	0.64	0.89	0.68	0.79	0.89	0.79
643441	1.49	1.83	1.68	1.67	0.66	0.75	0.71	0.71
643444	1.83	1.46	1.64	1.64	0.79	0.78	0.81	0.79
643456	0.86	0.71	1.08	0.88	0.61	0.55	0.53	0.56
643474	0.66	0.76	1.12	0.85	0.48	0.56	0.46	0.50
643481	1.35	1.73	1.11	1.40	0.70	0.75	0.87	0.77

APPENDIX H

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENT

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY SCORING SYSTEM

MANIPULATIONS IN OPEN FIELD ARENA (FREE ROAMING SPACE)

APPROACH & TOUCH: -1 = no reaction
 0 = normal
 1 = increased reaction (jumps away or attacks)

AUDITORY STIMULUS: -1 = no reaction
 0 = normal reaction (rat flinches or flicks ear)
 1 = exaggerated reaction (rat jumps, flips)

TAIL PINCH: -1 = no response
 0 = normal (turns toward site)
 1 = exaggerated response (vocalizations, rapid turning)

IN MOTOR ACTIVITY MONITOR

DEFECATION: 0 = absent
 1 = present
 D = diarrhea

URINATION: 0 = absent
 1 = present

PUPILLARY RESPONSE: 0 = present
 1 = absent

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENT

Male Rats/Group I: 0 mg/kg/day

		MANIPULATIONS			IN MA MONITOR		
		APPROACH AND TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILLARY RESPONSE	DEFECATION	URINATION
643162	Baseline	0	0	0	0	1	0
	Week 13	1	0	0	0	0	1
	Recovery	0	0	0	0	1	0
643172	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	1	0
643195	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	1	1
643226	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	1	1
643237	Baseline	0	0	1	0	1	0
	Week 13	0	0	0	0	1	0
	Recovery	0	0	0	0	1	1
643246	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	0
	Recovery	0	0	0	0	0	0
643253	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	1	1
643262	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	0	1
643303	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0
	Recovery	0	0	1	0	1	1
643304	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENT

Male Rats/Group III: 25 mg/kg/day

		MANIPULATIONS			IN MA MONITOR		
		APPROACH AND TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILLARY RESPONSE	DEFECATION	URINATION
643173	Baseline	0	0	0	0	1	1
	Week 13	0	0	1	0	1	0
643179	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	1	1
643180	Baseline	0	0	-1	0	0	1
	Week 13	0	0	0	0	0	1
643228	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	0	1
643240	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
643264	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	0
643272	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
643290	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
643292	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
643308	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENT

Male Rats/Group V: 100 mg/kg/day

		MANIPULATIONS			IN MA MONITOR		
		APPROACH AND TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILLARY RESPONSE	DEFECATION	URINATION
643175	Baseline	0	0	0	0	1	1
	Week 13 ^a	...	...	...	...	...	...
643224	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
643243	Baseline	0	0	0	0	0	1
	Week 13	-1	0	0	0	1	1
643247	Baseline	0	0	0	0	1	0
	Week 13 ^b	0	0	0	0	0	0
643250	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	1	0
643257	Baseline	0	0	1	0	0	1
	Week 13	0	0	0	0	1	1
643275	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
643311	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
643314	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	0	0
643318	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	0

^a Sacrificed *in extremis* prior to evaluation.^b Additional observation noted - Sore, right axilla.

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENT

Male Rats/Group VII: 250 mg/kg/day

		MANIPULATIONS			IN MA MONITOR		
		APPROACH AND TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILARY RESPONSE	DEFECATION	URINATION
643151	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	1	0
	Recovery	0	0	0	0	1	1
643165	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	1	0
643220	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	1	1
	Recovery ^a	0	0	0	0	0	1
643225	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	0
643234	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	0	0
643236	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	0
	Recovery	0	0	0	0	0	0
643258	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
643266	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	1	1
643296	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	0
643316	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1

^a Additional observation noted – Ptosis.

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENT

Female Rats/Group II: 0 mg/kg/day

		MANIPULATIONS			IN MA MONITOR		
		APPROACH AND TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILARY RESPONSE	DEFECATION	URINATION
643330	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	1	1
643336	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
	Recovery ^a	...	...	...	...	...	...
643377	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	1	1
643387	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
643405	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
643415	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	0
	Recovery	0	0	0	0	0	1
643425	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	0	0
643426	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	0	0
643448	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	0	1
643453	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	0	0

^a Sacrificed *in extremis* prior to evaluation.

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENT

Female Rats/Group IV: 25 mg/kg/day

		MANIPULATIONS			IN MA MONITOR		
		APPROACH AND TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILLARY RESPONSE	DEFECATION	URINATION
643321	Baseline	0	0	0	0	0	0
	Week 13 ^a	...	...	...	...	...	...
643324	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0
643364	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
643380	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	1
643389	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
643390	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0
643396	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
643410	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
643433	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
643458	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0

^a Sacrificed *in extremis* prior to evaluation.

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENT

Female Rats/Group VI: 100 mg/kg/day

		MANIPULATIONS			IN MA MONITOR		
		APPROACH AND TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILLARY RESPONSE	DEFECATION	URINATION
643322	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0
643323	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	0
643366	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
643367	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	1
643392	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
643409	Baseline	0	0	1	0	0	0
	Week 13	0	0	0	0	1	0
643461	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0
643462	Baseline	0	0	0	0	1	1
	Week 13	0	-1	0	0	0	0
643472	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	1
643489	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENT

Female Rats/Group VIII: 250 mg/kg/day

		MANIPULATIONS			IN MA MONITOR		
		APPROACH AND TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILLARY RESPONSE	DEFECATION	URINATION
643345	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery ^a	0	0	0	0	0	0
643347	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	0	0
643351	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	0	1
643358	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	0
	Recovery	0	0	0	0	0	0
643423	Baseline	0	0	0	0	1	1
	Week 13 ^b	0	0	0	0	0	0
	Recovery ^b	0	0	0	0	0	0
643441	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	0	0
643444	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
643456	Baseline	0	0	0	0	1	1
	Week 13	0	0	1	0	1	0
	Recovery ^{a,c}	0	0	0	0	0	1
643474	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	1	0
643481	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	0

^a Additional observation noted – Scratch, right corner of eye.

^b Additional observation noted – Ptosis.

^c Additional observation noted – Chromodacryorrhea.

APPENDIX I

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENTS

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Baseline

Male Rats/Group I: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643162	553	485	447	80	19	27	1611
643172	389	209	193	10	6	0	807
643195	397	401	306	291	44	1	1440
643226	492	436	408	360	127	10	1833
643237	500	299	286	319	235	84	1723
643246	401	292	241	306	179	34	1453
643253	443	287	247	212	41	165	1395
643262	365	204	193	66	1	5	834
643303	339	161	234	156	34	10	934
643304	425	359	194	70	17	0	1065

Male Rats/Group III: 25 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643173	391	252	69	23	0	6	741
643179	429	322	331	56	2	0	1140
643180	391	306	296	5	5	9	1012
643228	361	282	299	35	5	0	982
643240	388	306	171	34	1	1	901
643264	486	468	485	259	45	8	1751
643272	403	245	54	6	1	1	710
643290	387	268	172	100	12	1	940
643292	487	382	305	160	9	20	1363
643308	464	454	386	189	26	3	1522

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Baseline

Male Rats/Group V: 100 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643175	454	386	370	122	5	3	1340
643224	443	385	344	399	260	258	2089
643243	424	278	257	151	29	4	1143
643247	368	299	153	17	0	2	839
643250	329	241	135	77	1	6	789
643257	366	262	53	5	30	0	716
643275	488	406	76	3	32	183	1188
643311	372	304	277	113	37	53	1156
643314	432	366	113	49	17	11	988
643318	353	292	185	24	6	17	877

Male Rats/Group VII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643151	357	267	213	33	0	0	870
643165	454	366	366	239	256	120	1801
643220	434	271	90	1	0	0	796
643225	415	267	232	124	102	24	1164
643234	405	336	298	195	49	60	1343
643236	312	309	147	1	38	238	1045
643258	305	159	129	12	1	6	612
643266	375	255	251	107	0	2	990
643296	434	361	10	6	26	2	839
643316	433	280	41	11	0	5	770

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Baseline

Female Rats/Group II: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643330	389	440	249	27	0	1	1106
643336	384	279	289	221	11	3	1187
643377	316	184	10	181	93	9	793
643387	300	236	133	196	220	20	1105
643405	341	260	254	257	160	42	1314
643415	374	272	47	7	168	27	895
643425	459	419	119	301	189	7	1494
643426	381	257	222	214	208	193	1475
643448	401	388	280	209	25	0	1303
643453	364	305	26	46	230	11	982

Female Rats/Group IV: 25 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643321	361	290	261	222	11	5	1150
643324	371	335	330	298	276	110	1720
643364	439	287	195	53	0	8	982
643380	388	212	189	29	237	102	1157
643389	384	307	181	268	162	32	1334
643390	382	160	224	273	164	1	1204
643396	407	278	282	87	8	50	1112
643410	415	366	376	111	5	0	1273
643433	412	289	263	185	215	7	1371
643458	438	331	193	2	8	7	979

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Baseline

Female Rats/Group VI: 100 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643322	506	455	454	494	438	420	2767
643323	351	294	74	0	10	37	766
643366	458	369	13	259	91	16	1206
643367	425	368	210	112	42	19	1176
643392	387	294	204	209	125	2	1221
643409	431	391	232	257	72	5	1388
643461	398	261	23	3	12	11	708
643462	422	342	268	35	39	12	1118
643472	348	297	62	18	10	6	741
643489	362	198	153	133	85	262	1193

Female Rats/Group VIII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643345	416	324	320	390	348	351	2149
643347	278	251	185	48	7	1	770
643351	339	290	312	363	341	225	1870
643358	380	361	120	5	68	1	935
643423	320	189	245	162	209	73	1198
643441	356	244	112	10	7	3	732
643444	331	77	342	268	40	0	1058
643457	413	276	276	148	5	75	1193
643474	382	284	63	5	0	4	738
643481	428	318	248	238	18	2	1252

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Week 13

Male Rats/Group I: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643162	485	417	231	56	55	19	1263
643172	419	268	252	190	205	153	1487
643195	378	263	260	187	226	209	1523
643226	430	316	297	303	121	220	1687
643237	434	265	231	171	171	277	1549
643246	384	295	231	156	83	9	1158
643253	429	304	294	201	14	127	1369
643262	354	277	185	139	51	2	1008
643303	383	291	131	133	75	2	1015
643304	370	316	214	203	155	1	1259

Male Rats/Group III: 25 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643173	301	260	226	114	4	32	937
643179	421	316	224	206	176	56	1399
643180	366	301	336	329	133	88	1553
643228	329	173	182	217	155	171	1227
643240	369	253	190	181	128	101	1222
643264	458	363	207	168	184	102	1482
643272	398	287	126	15	11	63	900
643290	368	260	127	4	7	4	770
643292	430	361	326	165	10	54	1346
643308	478	397	237	322	183	47	1664

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Week 13

Male Rats/Group V: 100 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643175 ^a	...	...	...	...	...	...	...
643224	384	303	252	234	147	98	1418
643243	351	218	270	249	183	186	1457
643247	361	229	41	9	0	25	665
643250	340	260	207	212	182	186	1387
643257	341	269	215	154	201	0	1180
643275	405	368	313	321	337	178	1922
643311	306	189	129	115	125	91	955
643314	395	274	317	57	242	187	1472
643318	431	345	353	267	123	265	1784

Male Rats/Group VII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643151	285	147	45	24	4	3	508
643165	388	340	340	221	138	132	1559
643220	440	289	249	228	155	29	1390
643225	296	223	250	183	213	66	1231
643234	299	71	6	3	64	13	456
643236	395	298	230	135	138	28	1224
643258	304	300	156	150	92	212	1214
643266	357	236	177	115	120	16	1021
643296	438	399	369	305	240	160	1911
643316	482	345	279	105	288	269	1768

^a Sacrificed *in extremis* prior to evaluation.

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Week 13

Female Rats/Group II: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643330	433	296	197	189	77	50	1242
643336	402	270	321	167	191	269	1620
643377	315	204	242	127	66	284	1238
643387	321	215	277	217	190	152	1372
643405	402	265	220	205	141	12	1245
643415	399	332	255	283	160	152	1581
643425	453	370	359	148	2	0	1332
643426	278	192	122	21	23	3	639
643448	378	206	63	4	123	0	774
643453	340	280	172	115	103	242	1252

Female Rats/Group IV: 25 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643321 ^a	...	...	...	...	...	...	...
643324	499	346	306	315	361	258	2085
643364	427	407	247	252	18	114	1465
643380	396	231	202	196	102	102	1229
643389	428	376	306	148	22	111	1391
643390	382	278	246	87	154	154	1301
643396	520	429	226	20	64	136	1395
643410	420	372	304	249	138	222	1705
643433	336	133	29	199	11	8	716
643458	476	335	282	29	37	270	1429

^a Sacrificed *in extremis* prior to evaluation.

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Week 13

Female Rats/Group VI: 100 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643322	521	376	401	380	66	5	1749
643323	312	184	17	1	0	115	629
643366	412	350	309	245	245	256	1817
643367	456	347	241	215	297	42	1598
643392	288	176	106	47	79	32	728
643409	448	300	231	270	18	161	1428
643461	386	265	330	177	17	181	1356
643462	393	328	226	32	245	115	1339
643472	294	157	130	71	158	121	931
643489	350	178	27	1	211	82	849

Female Rats/Group VIII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643345	426	227	15	168	232	255	1323
643347	244	177	118	130	111	26	806
643351	392	347	248	83	81	237	1388
643358	350	263	129	185	81	9	1017
643423	367	223	133	87	15	14	839
643441	308	246	97	114	145	2	912
643444	471	407	267	117	45	96	1403
643457	445	249	298	296	153	63	1504
643474	387	261	28	4	38	149	867
643481	321	277	148	207	212	54	1219

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Recovery

Male Rats/Group I: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643162	279	187	123	77	85	82	833
643172	423	233	154	111	170	173	1264
643195	311	174	130	131	92	101	939
643226	296	154	52	138	91	137	868
643237	236	187	109	107	92	64	795
643246	332	278	160	111	154	98	1133
643253	329	157	164	197	147	215	1209
643262	384	249	194	222	126	215	1390
643303	268	158	118	129	58	108	839
643304	382	246	199	222	192	205	1446

Male Rats/Group VII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643151	278	193	174	150	117	111	1023
643165	321	220	137	210	174	192	1254
643220	310	201	213	114	135	168	1141
643225	232	192	202	193	139	110	1068
643234	197	168	99	53	67	3	587
643236	302	177	133	82	207	54	955
643258	388	272	137	169	99	193	1258
643266	289	153	59	130	44	70	745
643296	328	142	188	127	109	137	1031
643316	304	126	132	85	113	125	885

INDIVIDUAL MOTOR ACTIVITY: DURATION OF MOVEMENTS (sec)

Recovery

Female Rats/Group II: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643330	307	160	146	132	74	201	1020
643336 ^a	...	...	...	...	...	...	...
643377	381	246	201	168	169	128	1293
643387	315	185	191	109	79	155	1034
643405	208	137	167	65	110	17	704
643415	384	316	221	262	79	1	1263
643425	322	262	127	71	117	90	989
643426	330	228	160	198	76	139	1131
643448	333	204	177	171	72	110	1067
643453	387	267	166	234	174	90	1318

Female Rats/Group VIII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643345	269	25	39	0	0	97	430
643347	294	146	194	95	50	33	812
643351	328	220	132	55	31	192	958
643358	267	166	38	120	60	22	673
643423	379	254	233	254	49	187	1356
643441	254	110	27	69	17	112	589
643444	345	216	38	76	73	15	763
643456	185	56	29	0	1	77	348
643474	325	185	211	61	18	114	914
643481	327	152	112	127	113	75	906

^a Sacrificed *in extremis* prior to evaluation.

APPENDIX J

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Baseline

Male Rats/Group I: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643162	57	68	81	23	3	4	236
643172	124	130	141	16	13	2	426
643195	124	113	143	124	42	4	550
643226	88	93	100	109	79	10	479
643237	96	103	119	115	133	51	617
643246	128	135	112	120	111	37	643
643253	133	130	142	134	51	76	666
643262	161	136	140	68	4	4	513
643303	146	121	144	98	32	13	554
643304	144	117	116	72	21	0	470

Male Rats/Group III: 25 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643173	128	143	75	14	0	9	369
643179	122	134	147	37	3	0	443
643180	110	128	105	8	5	13	369
643228	146	120	137	31	6	0	440
643240	141	127	121	23	3	5	420
643264	66	62	65	56	10	4	263
643272	136	135	52	14	2	6	345
643290	119	147	118	99	18	6	507
643292	91	102	140	106	8	11	458
643308	109	114	112	116	32	3	486

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Baseline

Male Rats/Group V: 100 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643175	93	97	142	81	6	11	430
643224	107	121	134	114	137	116	729
643243	135	145	146	95	28	5	554
643247	121	130	115	22	1	2	391
643250	127	109	118	62	4	13	433
643257	145	151	57	9	28	1	391
643275	111	117	58	8	26	78	398
643311	141	154	140	90	38	26	589
643314	112	151	89	30	19	14	415
643318	140	154	112	39	12	19	476

Male Rats/Group VII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643151	156	181	134	54	1	0	526
643165	130	139	171	167	155	90	852
643220	124	121	54	4	1	0	304
643225	141	141	130	65	78	15	570
643234	152	137	132	110	48	64	643
643236	144	137	124	7	21	145	578
643258	142	124	93	23	3	6	391
643266	143	138	145	95	4	5	530
643296	122	155	12	9	11	9	318
643316	125	130	25	7	1	8	296

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Baseline

Female Rats/Group II: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643330	121	124	130	28	2	4	409
643336	136	147	125	127	5	7	547
643377	121	145	15	143	100	11	535
643387	153	131	108	132	135	28	687
643405	142	125	128	126	139	37	697
643415	145	159	47	14	142	40	547
643425	105	109	79	115	94	10	512
643426	151	151	140	100	136	125	803
643448	125	125	142	125	20	4	541
643453	137	150	24	37	155	15	518

Female Rats/Group IV: 25 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643321	161	138	159	148	19	7	632
643324	141	167	156	174	168	104	910
643364	106	124	100	32	2	8	372
643380	120	106	130	38	106	72	572
643389	129	149	129	158	128	28	721
643390	136	114	138	161	99	3	651
643396	122	148	149	72	9	31	531
643410	146	151	122	88	11	2	520
643433	120	149	152	126	92	12	651
643458	121	122	117	4	8	12	384

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Baseline

Female Rats/Group VI: 100 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643322	72	67	73	75	69	78	434
643323	136	125	71	1	15	23	371
643366	109	155	13	95	55	14	441
643367	80	124	122	82	34	16	458
643392	149	162	127	147	115	3	703
643409	118	137	107	131	50	9	552
643461	132	124	17	7	8	13	301
643462	139	131	113	31	25	18	457
643472	155	127	50	19	15	12	378
643489	142	114	103	75	63	150	647

Female Rats/Group VIII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643345	136	161	152	146	166	164	925
643347	129	134	157	51	9	3	483
643351	147	154	172	138	126	146	883
643358	155	139	94	6	54	4	452
643423	140	143	129	143	146	77	778
643441	152	163	107	11	16	5	454
643444	125	46	131	149	35	1	487
643457	132	105	133	124	11	59	564
643474	121	135	58	6	0	7	327
643481	118	144	134	129	25	4	554

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Week 13

Male Rats/Group I: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643162	58	66	42	14	9	3	192
643172	134	125	139	113	115	95	721
643195	150	127	106	99	125	138	745
643226	121	113	104	131	56	95	620
643237	107	112	102	77	84	119	601
643246	124	119	109	84	53	11	500
643253	122	139	138	107	21	70	597
643262	154	166	135	106	48	7	616
643303	172	154	94	103	77	8	608
643304	142	133	121	114	97	2	609

Male Rats/Group III: 25 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643173	127	126	126	60	8	32	479
643179	118	81	109	82	101	24	515
643180	128	110	99	105	66	51	559
643228	160	90	103	95	100	88	636
643240	141	127	121	96	65	83	633
643264	98	112	89	88	81	48	516
643272	143	132	72	6	9	51	413
643290	148	126	101	5	8	4	392
643292	129	115	142	98	15	32	531
643308	97	126	94	84	64	24	489

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Week 13

Male Rats/Group V: 100 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>					<u>6</u>	<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>		
643175 ^a	...	...	...	...	...	...	...
643224	133	144	133	101	113	63	687
643243	161	142	162	164	142	151	922
643247	139	130	34	2	2	16	323
643250	158	121	119	112	109	123	742
643257	204	174	132	87	154	1	752
643275	123	115	108	121	120	85	672
643311	167	127	97	110	111	75	687
643314	137	123	135	33	126	99	653
643318	138	147	153	136	91	140	805

Male Rats/Group VII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>					<u>6</u>	<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>		
643151	162	97	47	28	6	6	346
643165	120	127	129	95	73	78	622
643220	139	139	124	121	102	39	664
643225	144	118	138	114	132	56	702
643234	132	60	6	5	54	14	271
643236	155	144	129	92	93	31	644
643258	143	150	103	123	74	122	715
643266	131	141	102	65	69	9	517
643296	110	111	101	101	106	86	615
643316	109	128	96	59	146	114	652

^a Sacrificed in *extremis* prior to evaluation.

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Week 13

Female Rats/Group II: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643330	139	124	69	84	52	36	504
643336	131	127	137	81	88	135	699
643377	150	113	131	80	87	140	701
643387	161	147	146	142	113	123	832
643405	147	114	128	112	95	11	607
643415	157	158	159	154	135	142	905
643425	117	115	133	97	5	5	472
643426	166	130	117	25	31	6	475
643448	122	141	66	8	73	1	411
643453	141	149	111	93	31	145	670

Female Rats/Group IV: 25 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643321 ^a	...	...	...	...	...	...	...
643324	125	134	129	146	134	127	795
643364	122	130	109	119	14	57	551
643380	135	114	98	109	87	58	601
643389	152	162	154	107	26	81	682
643390	153	127	153	65	121	120	739
643396	49	67	31	4	8	24	183
643410	123	128	151	137	105	123	767
643433	139	92	18	123	12	8	392
643458	113	133	115	26	26	128	541

^a Sacrificed *in extremis* prior to evaluation.

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Week 13

Female Rats/Group VI: 100 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643322	65	56	51	53	13	1	239
643323	161	110	24	1	2	82	380
643366	132	123	141	137	127	141	801
643367	103	130	129	108	118	34	622
643392	153	129	86	56	83	37	544
643409	112	128	106	105	20	104	575
643461	146	145	128	128	13	118	678
643462	142	144	125	23	123	52	609
643472	163	107	87	56	121	97	631
643489	139	108	33	3	147	65	495

Female Rats/Group VIII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643345	116	112	14	101	127	101	571
643347	121	123	77	83	76	23	503
643351	138	136	135	75	79	135	698
643358	152	132	110	122	53	18	587
643423	156	127	96	93	19	25	516
643441	163	136	100	95	90	7	591
643444	101	122	134	54	24	58	493
643457	89	101	112	133	83	43	561
643474	134	123	25	8	21	96	407
643481	143	138	110	152	127	48	718

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Recovery

Male Rats/Group I: 0 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643162	134	139	105	64	61	65	568
643172	88	70	57	52	67	56	390
643195	122	91	72	79	60	77	501
643226	130	79	21	81	54	86	451
643237	153	132	78	78	71	48	560
643246	146	136	99	71	102	70	624
643253	140	90	96	117	88	115	646
643262	152	128	101	99	89	100	669
643303	142	90	82	77	66	67	524
643304	121	109	89	87	113	115	634

Male Rats/Group VII: 250 mg/kg/day

<u>Animal Number</u>	<u>Successive 10-Minute Intervals</u>						<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643151	144	131	123	100	77	87	662
643165	136	109	86	136	102	118	687
643220	150	112	105	82	96	115	660
643225	131	104	98	126	95	88	642
643234	96	66	56	42	44	7	311
643236	116	95	92	63	100	39	505
643258	122	102	63	76	50	90	503
643266	164	87	35	67	33	49	435
643296	128	85	81	74	66	93	527
643316	124	68	75	36	61	72	436

INDIVIDUAL MOTOR ACTIVITY: NUMBER OF MOVEMENTS

Recovery

Female Rats/Group II: 0 mg/kg/day

Animal Number	Successive 10-Minute Intervals						Total
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643330	134	123	101	100	58	155	671
643336 ^a	...	...	...	...	...	...	...
643377	126	132	98	114	116	102	688
643387	152	118	132	101	70	126	699
643405	126	106	113	69	102	14	530
643415	135	152	129	155	66	5	642
643425	139	132	108	76	92	84	631
643426	157	130	84	129	62	104	666
643448	145	151	127	126	64	104	717
643453	130	129	105	119	87	55	625

Female Rats/Group VIII: 250 mg/kg/day

Animal Number	Successive 10-Minute Intervals						Total
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
643345	153	18	30	0	0	69	270
643347	137	103	112	78	47	43	520
643351	154	138	99	43	42	129	605
643358	142	126	56	101	52	32	509
643423	117	118	117	122	42	121	637
643441	142	85	38	50	22	84	421
643444	149	144	55	62	89	34	533
643456	125	45	29	1	3	49	252
643474	149	125	126	66	28	97	591
643481	136	109	82	93	85	87	592

^a Sacrificed *in extremis* prior to evaluation.

APPENDIX K

INDIVIDUAL CLINICAL PATHOLOGY DATA

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES

ABBREVIATIONS:

General:

ADEQ - adequate
CLOT - sample clotted
DECR - decreased
NSR - no sample received for testing
NT - not taken or not performed
NT-HEMOL - not taken due to hemolysis greater than or equal to moderate
OK - sample condition OK for testing
QNS - quantity not sufficient
RNV - result not valid
UTD - unable to determine
> - greater than
< - less than

Individual Hematology Values:

COND - sample condition
RBC - red blood cell count
HGB - hemoglobin
HCT - hematocrit
MCV - mean corpuscular volume
MCH - mean corpuscular hemoglobin
MCHC - mean corpuscular hemoglobin concentration
RDW - red cell distribution width
ARET - absolute reticulocyte count
WBC - white blood cell count
ANEU - absolute neutrophil (all forms)
ANPR - absolute neutrophil precursor
ALYM - absolute lymphocyte
AMON - absolute monocyte
AEOS - absolute eosinophil
ABAS - absolute basophil
ALUC - absolute large unstained cell
ABLT - absolute blast leukocyte
AMSC - absolute miscellaneous leukocyte
PLT - platelet count
SPEC - special observations
AL - atypical lymphocyte
HSN - hypersegmented neutrophil

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES (Continued)

ABBREVIATIONS: (Continued)

Individual Red Blood Cell Morphology Values:

NORM - normal
ANIS - anisocytosis
MIC - microcytes
MAC - macrocytes
POLY - polychromasia
HYPO - hypochromasia
ECHI - echinocytes
ACAN - acanthocytes
TARG - target cells
RX - rouleaux
HJB - Howell-Jolly body
SPEC - special observations
-- - not observed or not examined; see whole blood sample condition

Individual White Blood Cell / Platelet Morphology Values:

NORM - normal
SM - smudge white blood cells
DB - Döhle bodies
PC - platelet clumps (graded as 1 if present at any level)
GP - giant platelets
BP - bizarre platelets
TOX - toxic neutrophils
VC - vacuolated cytoplasm
SPEC - special observations
-- - not observed or not examined; see whole blood sample condition

Individual Coagulation Values:

PHEM - plasma hemolysis
PLIP - plasma lipemia
PICT - plasma icterus
PT - prothrombin time
APTT - activated partial thromboplastin time

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES (Continued)

ABBREVIATIONS: (Continued)

Individual Serum and Plasma Chemistry Values:

SHEM - serum hemolysis
SLIP - serum lipemia
SICT - serum icterus
AST - aspartate aminotransferase
ALT - alanine aminotransferase
SDH - sorbitol dehydrogenase
ALKP - alkaline phosphatase
BILI - total bilirubin
BUN - urea nitrogen
CREA - creatinine
CHOL - cholesterol
TRIG - triglycerides
GLUC - glucose
TP - total protein
ALB - albumin
GLOB - globulin
CALC - calcium
IPHS - inorganic phosphorous
NA - sodium
K - potassium
CL - chloride
PHEM - plasma hemolysis from blood sample for fluoride determination
PLIP - plasma lipemia from blood sample for fluoride determination
PICT - plasma icterus from blood sample for fluoride determination
PFLU - plasma fluoride
SPEC - special observations

Individual Urinalysis Values:

QUAL - quality (modifies color)
COL - color
CLAR - clarity
VOL - volume
UOSM - urine osmolality
SG - specific gravity
pH - the logarithm of the reciprocal of the hydrogen ion concentration
UGLU - urine glucose
KET - ketone
UBIL - urine bilirubin
BLD - blood
URO - urobilinogen
UFLU - urine fluoride
UMTP - urine protein
SPEC - special observations

Individual Urine Microscopic Examination Values:

EPIT - epithelial cells
UWBC - urine white blood cells
URBC - urine red blood cells
NCRY - normal crystals
MICR - microorganisms
SPER - sperm
SPEC - special observations

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES (Continued)

KEY:

Red Blood Cell Morphology Values, White Blood Cell / Platelet Morphology Values (with the exception of Platelet Clumps), and Special Observations:

- 1 - trace
- 2 - few
- 3 - moderate
- 4 - many

Urine Microscopic Values:

EPIT		NCRY/MICR		SPERM/MUCUS	
per high power field (40x)		per high power field (40x)		per low power field (10x)	
few	1-10	few	1-25%/field	1	1-5
moderate	11-50	moderate	26-50%/field	2	6-20
many	>50	many	>50%/field	3	>20

NOTES:

When individual animal data are not reported, it may be due to one of the following reasons or other reasons, all of which are explained in the study records:

the sample was clotted (for hematology or coagulation data) (CLOT)
there was insufficient sample for analysis (QNS)
a valid result could not be obtained (RNV)
the sample was not suitable for evaluation
the animal died prior to sample collection
no sample was available for analysis (NSR)

When an individual observation was recorded as being less than a certain value, calculations were performed on half the recorded value. For example, if bilirubin was reported as <0.1, 0.05 was used for any calculations performed with that bilirubin data.

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /uL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /uL	WBC x10 ³ /uL	ANEU x10 ³ /uL
Male, Group: I - 0 mg/kg - Day 44											
643143	OK	7.72	14.4	44.3	57.3	18.7	32.6	12.4	195.	17.56	4.31
643150	OK	7.77	15.1	44.9	57.7	19.4	33.7	11.8	161.	17.58	1.86
643185	OK	8.21	14.7	45.2	55.0	18.0	32.7	12.0	199.	16.96	1.09
643189	OK	8.64	15.2	46.4	53.7	17.6	32.8	12.2	205.	20.09	3.02
643204	OK	8.18	15.1	46.4	56.7	18.5	32.6	12.1	177.	18.01	1.32
643205	OK	7.79	14.9	45.9	58.9	19.1	32.4	13.2	299.	19.39	2.73
643235	OK	8.04	14.9	43.7	54.4	18.5	34.0	11.9	199.	17.08	2.88
643241	OK	8.37	15.8	48.0	57.4	18.8	32.9	12.3	157.	12.22	1.10
643288	OK	8.51	15.1	45.8	53.8	17.7	32.9	11.5	189.	16.01	2.57
643300	OK	8.96	16.0	49.6	55.4	17.9	32.3	12.3	215.	18.65	2.30
Male, Group: III - 25 mg/kg - Day 44											
643173	OK	8.38	15.7	49.0	58.5	18.7	32.0	11.9	198.	10.72	2.73
643179	OK	8.48	15.6	46.9	55.4	18.4	33.2	11.6	188.	14.36	1.97
643180	OK	7.97	14.6	44.2	55.5	18.3	33.0	12.4	201.	11.81	2.88
643228	OK	8.09	15.0	46.3	57.2	18.6	32.5	12.0	177.	20.04	4.03
643240	OK	8.38	15.5	46.3	55.2	18.5	33.4	11.2	146.	14.73	1.43
643264	OK	8.16	15.2	44.2	54.2	18.6	34.3	12.6	216.	22.72	1.62
643272	OK	8.67	15.6	47.2	54.5	18.0	33.1	11.7	141.	21.83	2.26
643290	OK	8.62	15.7	47.9	55.6	18.2	32.8	11.7	163.	16.64	1.79
643292	OK	8.42	14.8	46.1	54.8	17.6	32.1	12.7	176.	13.63	2.13
643308	OK	8.18	15.6	47.4	57.9	19.0	32.9	12.7	248.	16.95	2.29

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /uL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /uL	WBC x10 ³ /uL	ANEU x10 ³ /uL
Male, Group: V - 100 mg/kg - Day 44											
643175	OK	8.02	15.1	46.1	57.5	18.9	32.8	10.8	186.	17.39	3.09
643224	OK	8.24	14.7	45.2	54.8	17.9	32.6	11.7	154.	13.60	2.04
643243	OK	8.05	15.2	47.1	58.5	18.9	32.3	11.7	203.	21.89	3.21
643247	OK	7.76	14.7	43.3	55.8	19.0	34.0	11.4	141.	15.34	3.53
643250	OK	8.09	15.6	47.7	58.9	19.3	32.8	12.1	164.	23.11	2.07
643257	OK	7.76	15.0	45.7	59.0	19.3	32.7	11.5	180.	14.52	2.00
643275	OK	8.65	16.1	49.1	56.8	18.7	32.9	12.5	204.	16.25	1.31
643311	OK	7.33	14.2	42.4	57.8	19.4	33.5	12.6	196.	24.17	2.11
643314	OK	7.69	14.4	44.4	57.7	18.8	32.5	12.5	181.	14.81	3.45
643318	OK	8.01	15.6	47.2	58.9	19.5	33.1	12.1	179.	18.65	2.21
Male, Group: VII - 250 mg/kg - Day 44											
643174	OK	8.40	14.9	45.9	54.6	17.7	32.4	13.0	202.	20.43	3.35
643193	OK	8.13	14.9	44.6	54.9	18.3	33.3	12.4	154.	21.85	4.80
643194	OK	7.85	14.7	44.8	57.1	18.7	32.8	13.3	169.	25.34	2.66
643201	OK	8.31	14.9	46.3	55.7	18.0	32.3	12.3	188.	20.48	2.14
643215	OK	8.30	14.6	45.4	54.6	17.6	32.1	12.7	121.	14.70	1.45
643252	OK	8.03	14.6	44.7	55.7	18.2	32.7	12.4	207.	20.74	2.52
643259	OK	7.59	14.7	43.9	57.8	19.4	33.5	12.9	184.	18.75	2.19
643260	OK	8.27	15.1	45.7	55.2	18.2	33.0	11.8	185.	16.92	2.09
643298	OK	7.46	13.9	42.7	57.2	18.6	32.5	12.7	164.	16.73	1.83
643315	OK	8.26	15.3	48.0	58.1	18.6	31.9	12.6	191.	16.93	1.77

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Male, Group: I - 0 mg/kg - Day 44										
643143	NT	12.33	0.34	0.20	0.10	0.28	NT	NT	1070	
643150	NT	14.86	0.36	0.11	0.17	0.22	NT	NT	1229	
643185	NT	15.11	0.21	0.19	0.08	0.29	NT	NT	1028	
643189	NT	16.05	0.57	0.20	0.08	0.17	NT	NT	RNV	
643204	NT	15.87	0.30	0.14	0.12	0.25	NT	NT	1242	
643205	NT	15.84	0.23	0.11	0.16	0.33	NT	NT	1190	
643235	NT	13.44	0.30	0.12	0.10	0.24	NT	NT	1179	
643241	NT	10.41	0.30	0.19	0.08	0.14	NT	NT	947	
643288	NT	12.56	0.44	0.11	0.11	0.22	NT	NT	1232	
643300	NT	15.47	0.31	0.19	0.09	0.29	NT	NT	1149	
Male, Group: III - 25 mg/kg - Day 44										
643173	NT	7.30	0.33	0.22	0.03	0.11	NT	NT	940	
643179	NT	11.53	0.43	0.19	0.09	0.15	NT	NT	1171	
643180	NT	7.94	0.45	0.31	0.07	0.16	NT	NT	992	
643228	NT	14.39	0.62	0.16	0.09	0.75	NT	NT	1161	
643240	NT	12.52	0.32	0.19	0.08	0.20	NT	NT	1133	
643254	NT	20.17	0.37	0.19	0.11	0.26	NT	NT	1102	
643272	NT	18.39	0.41	0.22	0.17	0.38	NT	NT	1119	
643290	NT	13.66	0.50	0.23	0.11	0.35	NT	NT	1128	
643292	NT	10.65	0.30	0.26	0.11	0.18	NT	NT	943	
643308	NT	13.74	0.31	0.30	0.13	0.18	NT	NT	RNV	

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Male, Group: V - 100 mg/kg - Day 44										
643175	NT	13.19	0.64	0.18	0.10	0.19	NT	NT	1384	5%-AL, absolute AL = 0.77; 2%-HSN, absolute HSN = 0.31
643224	NT	11.42	0.00	0.14	0.00	0.00	NT	NT	1012	
643243	NT	17.83	0.41	0.10	0.14	0.21	NT	NT	RNV	
643247	NT	11.20	0.46	0.15	0.00	0.00	NT	NT	RNV	
643250	NT	20.07	0.28	0.25	0.20	0.25	NT	NT	762	
643257	NT	11.57	0.50	0.11	0.12	0.22	NT	NT	977	1%-AL, absolute AL = 0.22; 2%-HSN, absolute HSN = 0.44
643275	NT	14.14	0.40	0.13	0.06	0.21	NT	NT	920	
643311	NT	20.97	0.53	0.11	0.19	0.27	NT	NT	1271	
643314	NT	10.57	0.29	0.17	0.14	0.18	NT	NT	1315	
643318	NT	15.57	0.42	0.11	0.11	0.23	NT	NT	913	
Male, Group: VII - 250 mg/kg - Day 44										
643174	NT	15.84	0.74	0.23	0.10	0.17	NT	NT	RNV	1%-AL, absolute AL = 0.22; 2%-HSN, absolute HSN = 0.44
643193	NT	16.61	0.44	0.00	0.00	0.00	NT	NT	963	
643194	NT	21.54	0.45	0.13	0.15	0.41	NT	NT	1032	
643201	NT	17.41	0.34	0.21	0.12	0.27	NT	NT	1163	
643215	NT	12.45	0.32	0.18	0.06	0.24	NT	NT	861	
643252	NT	17.25	0.42	0.18	0.11	0.26	NT	NT	RNV	
643259	NT	15.15	0.61	0.15	0.13	0.52	NT	NT	1122	
643260	NT	14.00	0.39	0.13	0.07	0.23	NT	NT	1049	
643298	NT	14.07	0.34	0.16	0.16	0.17	NT	NT	941	
643315	NT	14.31	0.39	0.08	0.08	0.30	NT	NT	936	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	COND	RBC $\times 10^6/\mu\text{L}$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET $\times 10^3/\mu\text{L}$	WBC $\times 10^3/\mu\text{L}$	ANEU $\times 10^3/\mu\text{L}$
Male, Group: I - 0 mg/kg - Day 91											
643143	OK	8.26	14.5	46.9	56.8	17.5	30.9	13.5	188.	16.37	2.62
643150	OK	8.55	15.3	48.4	56.6	17.9	31.6	12.3	125.	12.57	1.26
643185	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643189	OK	9.10	14.9	46.7	51.4	16.4	31.9	13.7	186.	17.83	2.56
643204	OK	8.76	15.5	50.1	57.2	17.6	30.9	13.2	213.	14.95	2.05
643205	OK	7.86	14.3	45.4	57.9	18.3	31.6	14.7	274.	12.84	2.31
643235	OK	9.16	15.5	49.4	54.0	16.9	31.3	13.1	187.	15.69	2.24
643241	OK	9.49	16.6	54.6	57.5	17.5	30.4	12.8	183.	13.88	2.09
643288	OK	9.30	15.5	49.8	53.5	16.7	31.2	12.7	102.	14.13	2.54
643300	OK	9.43	15.8	49.0	52.0	16.7	32.2	12.7	168.	11.10	1.55
Male, Group: III - 25 mg/kg - Day 91											
643173	OK	9.22	16.8	53.6	58.1	18.2	31.3	12.5	163.	9.76	2.05
643179	OK	8.47	14.8	45.6	53.8	17.4	32.4	13.5	162.	10.74	1.71
643180	OK	8.59	14.9	46.0	53.6	17.3	32.4	13.1	173.	9.21	2.24
643228	OK	7.81	14.0	43.3	55.4	17.9	32.3	12.8	175.	15.30	2.91
643240	OK	8.70	15.4	47.7	54.8	17.6	32.2	12.4	175.	12.61	2.08
643264	OK	8.29	14.7	46.3	55.8	17.8	31.8	13.0	227.	19.00	1.71
643272	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643290	OK	8.80	15.2	47.8	54.3	17.3	31.8	13.0	180.	11.14	1.36
643292	OK	8.62	14.7	46.7	54.2	17.1	31.5	12.9	153.	10.07	1.56
643308	OK	8.64	15.8	49.9	57.8	18.3	31.7	12.8	206.	11.56	1.62

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	COND	RBC $\times 10^6/\mu\text{L}$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET $\times 10^3/\mu\text{L}$	WBC $\times 10^3/\mu\text{L}$	ANEU $\times 10^3/\mu\text{L}$
Male, Group: V - 100 mg/kg - Day 91											
643175	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643224	OK	8.23	14.3	45.1	54.8	17.4	31.7	13.4	153.	11.07	1.66
643243	OK	8.33	15.2	47.4	56.9	18.2	32.0	13.1	220.	16.28	2.21
643247	OK	7.67	14.2	44.1	57.5	18.5	32.2	12.8	238.	11.52	2.00
643250	OK	8.15	15.1	46.1	56.5	18.5	32.8	13.5	159.	14.98	1.69
643257	OK	8.27	15.1	47.5	57.4	18.2	31.7	13.3	185.	14.70	1.03
643275	OK	9.03	15.9	51.3	56.8	17.6	31.0	13.0	147.	11.25	0.56
643311	OK	8.29	15.1	48.8	58.8	18.2	30.9	14.0	237.	20.47	1.23
643314	OK	8.29	14.8	46.7	56.3	17.9	31.8	14.2	203.	12.04	2.97
643318	OK	8.15	15.0	47.4	58.2	18.4	31.5	13.8	222.	14.09	2.44
Male, Group: VII - 250 mg/kg - Day 91											
643174	OK	8.64	14.6	45.6	52.7	16.9	32.1	15.0	237.	14.74	3.10
643193	OK	7.67	14.0	44.0	57.3	18.2	31.9	15.9	185.	13.94	1.68
643194	OK	8.12	14.5	46.2	56.9	17.9	31.5	15.0	229.	22.55	3.02
643201	OK	8.04	13.8	43.7	54.4	17.2	31.6	14.1	177.	17.74	2.70
643215	OK	8.18	14.5	46.6	57.0	17.8	31.2	15.1	187.	12.04	1.66
643252	OK	7.82	14.1	45.9	58.7	18.0	30.7	17.8	280.	16.27	2.47
643259	OK	8.20	15.3	49.1	60.0	18.6	31.1	15.9	296.	15.77	1.26
643260	OK	8.41	15.2	48.4	57.6	18.0	31.3	12.9	156.	12.07	3.14
643298	OK	7.12	12.5	40.2	56.4	17.5	31.1	14.2	194.	13.01	2.21
643315	OK	7.70	14.0	44.2	57.4	18.2	31.8	14.9	240.	14.41	2.17

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Male, Group: I - 0 mg/kg - Day 91										
643143	0.00	13.10	0.49	0.16	0.00	0.00	0.00	0.00	1251	
643150	0.00	10.43	0.75	0.13	0.00	0.00	0.00	0.00	1145	
643185	NT	NT	NT	NT	NT	NT	NT	NT	NT	
643189	NT	14.20	0.69	0.21	0.07	0.10	NT	NT	854	
643204	NT	12.29	0.30	0.14	0.07	0.11	NT	NT	1330	
643205	0.00	10.40	0.13	0.00	0.00	0.00	0.00	0.00	1216	
643235	NT	12.36	0.55	0.21	0.07	0.26	NT	NT	1225	
643241	NT	11.03	0.37	0.18	0.09	0.12	NT	NT	RNV	
643288	0.00	11.02	0.42	0.14	0.00	0.00	0.00	0.00	1227	
643300	0.00	8.99	0.33	0.22	0.00	0.00	0.00	0.00	RNV	
Male, Group: III - 25 mg/kg - Day 91										
643173	0.00	7.22	0.20	0.29	0.00	0.00	0.00	0.00	925	
643179	NT	8.43	0.35	0.10	0.05	0.11	NT	NT	1160	
643180	NT	6.32	0.32	0.23	0.03	0.08	NT	NT	952	
643228	0.00	11.17	0.77	0.46	0.00	0.00	0.00	0.00	1157	
643240	NT	9.78	0.38	0.13	0.07	0.18	NT	NT	1186	
643264	0.60	17.10	0.19	0.00	0.00	0.00	0.00	0.00	1055	
643272	NT	NT	NT	NT	NT	NT	NT	NT	NT	
643290	NT	9.19	0.30	0.09	0.05	0.15	NT	NT	1175	
643292	NT	8.03	0.24	0.12	0.04	0.09	NT	NT	861	
643308	0.00	8.90	0.69	0.35	0.00	0.00	0.00	0.00	1025	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Male, Group: V - 100 mg/kg - Day 91										
643175	NT	NT	NT	NT	NT	NT	NT	NT	NT	
643224	NT	9.10	0.14	0.05	0.04	0.08	0.08	NT	1037	
643243	NT	13.09	0.51	0.08	0.12	0.27	NT	NT	1272	
643247	NT	8.72	0.47	0.19	0.05	0.08	NT	NT	1172	
643250	NT	12.20	0.18	0.32	0.06	0.53	NT	NT	928	
643257	0.00	12.64	0.74	0.29	0.00	0.00	0.00	0.00	RNV	
643275	0.00	10.01	0.56	0.11	0.00	0.00	0.00	0.00	885	
643311	NT	18.83	0.21	0.21	0.00	0.00	0.00	0.00	1228	
643314	NT	8.43	0.25	0.20	0.05	0.14	NT	NT	1246	
643318	NT	11.05	0.27	0.07	0.05	0.22	NT	NT	970	
Male, Group: VII - 250 mg/kg - Day 91										
643174	0.00	10.76	0.44	0.44	0.00	0.00	0.00	0.00	RNV	
643193	NT	11.60	0.28	0.23	0.06	0.08	NT	NT	1015	
643194	NT	18.36	0.49	0.24	0.10	0.34	NT	NT	RNV	
643201	NT	14.26	0.34	0.21	0.07	0.15	NT	NT	1245	
643215	NT	9.36	0.34	0.34	0.08	0.26	NT	NT	1047	
643252	NT	12.81	0.48	0.15	0.08	0.28	NT	NT	1177	
643259	0.00	13.40	0.79	0.32	0.00	0.00	0.00	0.00	RNV	
643260	0.00	8.69	0.24	0.00	0.00	0.00	0.00	0.00	1131	
643298	0.00	10.28	0.39	0.13	0.00	0.00	0.00	0.00	1153	
643315	NT	11.70	0.23	0.08	0.05	0.18	NT	NT	1008	

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /uL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /uL	WBC x10 ³ /uL	ANEU x10 ³ /uL
Male, Group: I - 0 mg/kg - Day 125											
643162	OK	9.18	15.4	47.8	52.0	16.8	32.3	14.5	224.	10.14	3.52
643172	OK	8.85	14.8	46.3	52.3	16.7	31.9	15.2	216.	15.17	2.88
643195	OK	8.99	15.4	46.4	51.7	17.1	33.1	13.3	167.	10.25	1.12
643226	OK	8.87	16.0	49.9	56.3	18.0	32.0	12.6	188.	15.43	1.26
643237	OK	8.57	15.3	47.5	55.4	17.8	32.2	13.4	171.	10.50	0.67
643246	OK	9.63	16.2	51.0	52.9	16.8	31.8	12.9	190.	22.15	2.67
643253	OK	8.42	15.3	47.6	56.6	18.2	32.2	14.0	231.	12.06	1.25
643262	OK	8.57	15.5	47.0	54.9	18.1	32.9	13.4	142.	11.33	2.34
643303	OK	9.39	16.2	51.0	54.3	17.2	31.7	14.1	205.	14.34	1.01
643304	OK	8.84	15.9	48.9	55.3	17.9	32.4	12.8	147.	9.75	1.17
Male, Group: VII - 250 mg/kg - Day 125											
643151	OK	7.68	14.5	44.2	57.6	18.9	32.8	11.5	132.	14.81	3.29
643165	OK	8.01	14.8	44.4	55.4	18.4	33.2	12.4	174.	10.52	1.52
643220	OK	8.09	14.0	43.3	53.5	17.3	32.3	12.9	180.	11.88	1.83
643225	OK	8.01	14.4	44.4	55.3	17.9	32.4	13.4	153.	16.84	1.08
643234	OK	8.00	14.4	44.3	55.4	18.0	32.6	10.8	132.	16.97	2.71
643236	OK	7.49	13.5	41.1	54.9	18.1	33.0	14.9	176.	11.62	2.54
643258	OK	7.94	14.3	44.4	56.0	18.0	32.1	12.3	124.	8.94	1.06
643266	OK	7.71	13.1	39.7	51.5	17.0	32.9	14.3	153.	9.06	1.31
643296	OK	8.60	16.2	50.1	58.2	18.8	32.3	11.7	119.	12.94	1.83
643316	OK	8.17	13.9	42.7	52.2	17.0	32.6	13.1	159.	18.72	2.18

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Male, Group: I - 0 mg/kg - Day 125										
643162	NT	5.90	0.30	0.17	0.13	0.11	NT	NT	1185	
643172	NT	11.52	0.38	0.13	0.09	0.17	NT	NT	1154	
643195	NT	8.71	0.20	0.08	0.05	0.09	NT	NT	1075	
643226	NT	13.24	0.57	0.16	0.05	0.15	NT	NT	RNV	
643237	NT	9.50	0.11	0.06	0.04	0.11	NT	NT	1044	
643246	NT	17.83	0.74	0.33	0.09	0.49	NT	NT	872	
643253	NT	10.32	0.15	0.10	0.09	0.15	NT	NT	1172	
643262	NT	8.47	0.26	0.10	0.06	0.10	NT	NT	910	
643303	NT	12.48	0.41	0.15	0.07	0.23	NT	NT	RNV	
643304	NT	8.06	0.32	0.07	0.05	0.08	NT	NT	RNV	
Male, Group: VII - 250 mg/kg - Day 125										
643151	NT	11.05	0.18	0.06	0.08	0.16	NT	NT	1058	
643165	NT	8.45	0.26	0.09	0.05	0.16	NT	NT	1167	
643220	NT	9.41	0.24	0.08	0.09	0.22	NT	NT	1181	
643225	NT	15.07	0.27	0.10	0.12	0.20	NT	NT	1016	
643234	NT	13.30	0.45	0.19	0.19	0.13	NT	NT	1099	
643236	NT	8.50	0.25	0.08	0.06	0.19	NT	NT	RNV	
643258	NT	7.47	0.22	0.06	0.04	0.08	NT	NT	940	
643266	NT	7.22	0.23	0.11	0.03	0.17	NT	NT	1148	
643296	NT	10.59	0.20	0.09	0.07	0.15	NT	NT	1088	
643316	NT	15.13	0.53	0.48	0.10	0.30	NT	NT	1035	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /uL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /uL	WBC x10 ³ /uL	ANEU x10 ³ /uL
Female, Group: II - 0 mg/kg - Day 45											
643354	OK	8.16	15.4	46.2	56.6	18.9	33.4	11.7	220.	12.21	2.01
643361	OK	8.39	15.4	48.3	57.5	18.4	32.0	12.2	222.	15.77	2.02
643362	OK	8.32	16.2	47.4	57.0	19.4	34.1	11.2	198.	10.57	1.43
643374	OK	8.39	15.3	46.3	55.2	18.2	33.0	12.0	217.	9.80	0.92
643398	OK	7.85	14.8	45.0	57.4	18.9	33.0	11.1	199.	12.17	1.32
643406	OK	8.32	16.2	48.5	58.3	19.5	33.4	12.2	226.	16.31	1.82
643436	OK	8.26	15.4	46.6	56.4	18.6	33.0	11.3	148.	12.64	2.11
643463	OK	8.12	15.1	47.5	58.5	18.6	31.9	11.5	208.	18.68	3.08
643477	OK	8.41	15.0	47.1	56.0	17.8	31.8	12.4	240.	11.02	0.71
643486	OK	8.37	15.4	46.0	55.0	18.5	33.6	11.6	203.	17.52	2.25
Female, Group: IV - 25 mg/kg - Day 45											
643321	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643324	OK	7.34	14.8	44.6	60.7	20.1	33.2	12.1	251.	11.44	0.78
643364	OK	7.89	14.9	44.9	57.0	18.8	33.1	11.4	173.	15.43	1.71
643380	OK	7.65	14.8	44.0	57.6	19.3	33.6	11.8	194.	9.71	1.81
643389	OK	7.81	14.6	43.9	56.2	18.7	33.2	11.9	225.	10.05	2.00
643390	OK	8.35	15.4	49.0	58.7	18.5	31.4	12.6	265.	15.67	1.25
643396	OK	8.24	14.8	46.2	56.1	18.0	32.0	11.4	196.	14.41	1.85
643410	OK	7.70	14.4	43.7	56.8	18.7	33.0	12.6	248.	17.08	2.31
643433	OK	7.86	14.7	44.4	56.5	18.7	33.2	11.4	168.	8.74	1.14
643458	OK	7.85	14.9	43.3	55.1	19.0	34.5	11.8	228.	12.93	1.76

H-24516: Subchronic Toxicity

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DuPont-5386

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /uL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /uL	WBC x10 ³ /uL	ANEU x10 ³ /uL
Female, Group: VI - 100 mg/kg - Day 45											
643322	OK	7.93	14.9	45.5	57.4	18.7	32.6	11.5	203.	10.40	1.68
643323	OK	8.68	15.5	46.5	53.6	17.8	33.3	11.7	197.	16.42	2.00
643366	OK	7.86	14.9	45.2	57.4	18.9	33.0	12.4	229.	12.35	1.09
643367	OK	8.38	15.1	46.3	55.2	18.0	32.6	11.2	179.	12.34	1.66
643392	OK	9.03	15.9	48.8	54.1	17.6	32.6	11.9	198.	13.56	2.15
643409	OK	7.88	15.1	46.0	58.3	19.2	32.8	11.9	239.	8.85	0.43
643461	OK	7.65	14.9	43.7	57.1	19.5	34.1	10.8	146.	14.80	2.06
643462	OK	8.37	15.3	46.4	55.4	18.3	33.0	11.3	156.	18.99	2.14
643472	OK	7.85	14.5	42.9	54.7	18.4	33.7	11.4	192.	15.81	1.93
643489	OK	7.76	14.5	44.2	56.9	18.7	32.8	13.3	267.	10.69	1.72
Female, Group: VIII - 250 mg/kg - Day 45											
643332	OK	7.38	14.0	42.4	57.5	18.9	32.9	12.0	177.	11.54	1.47
643340	OK	7.72	15.3	45.1	58.4	19.8	33.9	12.4	263.	16.07	2.34
643341	OK	7.00	13.1	40.1	57.3	18.7	32.6	12.4	223.	13.91	2.03
643359	OK	7.58	14.1	43.3	57.1	18.6	32.5	12.6	191.	11.60	1.17
643370	OK	8.61	15.0	46.9	54.5	17.4	31.9	12.0	249.	11.27	2.45
643404	OK	7.84	15.2	45.3	57.8	19.4	33.6	11.6	189.	14.20	1.41
643408	OK	7.97	14.7	44.5	55.8	18.5	33.1	11.6	174.	16.91	3.13
643435	OK	7.62	14.3	43.6	57.3	18.8	32.8	12.0	247.	12.61	1.03
643446	OK	8.25	14.7	47.3	57.3	17.8	31.0	12.7	241.	14.72	1.34
643466	OK	7.56	14.5	44.0	58.2	19.2	32.9	12.2	150.	13.09	1.75

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	ABOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Female, Group: II - 0 mg/kg - Day 45										
643354	NT	9.36	0.21	0.33	0.06	0.24	NT	NT	1173	
643361	NT	12.77	0.29	0.24	0.16	0.29	NT	NT	1158	
643362	NT	8.39	0.32	0.19	0.06	0.17	NT	NT	1060	
643374	NT	8.37	0.29	0.11	0.02	0.09	NT	NT	1339	
643398	NT	10.25	0.33	0.10	0.06	0.11	NT	NT	1092	
643406	NT	13.33	0.44	0.23	0.19	0.30	NT	NT	RNV	
643436	NT	9.76	0.20	0.24	0.07	0.26	NT	NT	1294	
643463	NT	14.71	0.41	0.15	0.11	0.22	NT	NT	RNV	
643477	NT	9.76	0.18	0.16	0.07	0.14	NT	NT	RNV	
643486	NT	14.31	0.32	0.16	0.22	0.27	NT	NT	RNV	
Female, Group: IV - 25 mg/kg - Day 45										
643321	NT	NT	NT	NT	NT	NT	NT	NT	NT	
643324	NT	9.55	0.16	0.16	0.12	0.67	NT	NT	990	
643364	NT	12.94	0.33	0.17	0.11	0.16	NT	NT	1090	
643380	NT	7.20	0.26	0.12	0.09	0.23	NT	NT	878	
643389	NT	7.56	0.22	0.06	0.09	0.12	NT	NT	1171	
643390	0.00	14.26	0.16	0.00	0.00	0.00	0.00	0.00	953	
643396	NT	11.67	0.40	0.07	0.15	0.27	NT	NT	1514	
643410	NT	14.03	0.28	0.10	0.11	0.25	NT	NT	994	
643433	NT	7.08	0.23	0.10	0.04	0.15	NT	NT	903	
643458	NT	10.38	0.24	0.15	0.13	0.27	NT	NT	1239	

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Female, Group: VI - 100 mg/kg - Day 45										
643322	NT	8.05	0.31	0.13	0.05	0.17	NT	NT	1098	
643323	NT	13.25	0.40	0.36	0.14	0.26	NT	NT	1100	
643366	NT	10.39	0.25	0.08	0.18	0.36	NT	NT	1047	
643367	NT	9.77	0.32	0.26	0.13	0.21	NT	NT	1253	
643392	NT	10.59	0.32	0.18	0.14	0.17	NT	NT	867	
643409	NT	7.99	0.14	0.10	0.05	0.14	NT	NT	RNV	
643461	NT	11.96	0.40	0.19	0.06	0.13	NT	NT	RNV	
643462	NT	15.65	0.40	0.22	0.19	0.38	NT	NT	1147	
643472	NT	13.16	0.25	0.19	0.09	0.19	NT	NT	1076	
643489	NT	8.26	0.30	0.10	0.11	0.20	NT	NT	1083	
Female, Group: VIII - 250 mg/kg - Day 45										
643332	NT	9.51	0.17	0.16	0.08	0.13	NT	NT	1141	
643340	NT	12.93	0.39	0.13	0.12	0.16	NT	NT	1019	
643341	NT	10.89	0.44	0.21	0.08	0.28	NT	NT	RNV	
643359	NT	9.62	0.41	0.13	0.07	0.21	NT	NT	1143	
643370	NT	7.93	0.34	0.16	0.11	0.28	NT	NT	1157	
643404	NT	12.10	0.22	0.22	0.08	0.16	NT	NT	955	
643408	NT	12.92	0.28	0.21	0.12	0.25	NT	NT	999	
643435	NT	10.81	0.21	0.14	0.15	0.26	NT	NT	1090	
643446	NT	12.63	0.17	0.18	0.10	0.29	NT	NT	894	
643466	NT	10.54	0.29	0.23	0.07	0.21	NT	NT	1211	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /uL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /uL	WBC x10 ³ /uL	ANEU x10 ³ /uL
Female, Group: II - 0 mg/kg - Day 93											
643354	OK	8.56	16.1	48.0	56.0	18.8	33.6	11.1	115.	10.38	1.21
643361	OK	8.45	15.5	47.5	56.2	18.4	32.8	11.8	180.	11.59	1.31
643362	OK	7.90	15.1	45.2	57.3	19.1	33.4	11.0	144.	7.82	1.40
643374	OK	8.00	14.4	43.8	54.7	18.1	33.0	11.6	144.	6.65	0.67
643398	OK	8.39	15.8	49.5	59.1	18.9	31.9	10.7	207.	9.21	1.32
643406	OK	8.34	15.8	48.8	58.5	19.0	32.5	11.8	166.	11.70	1.09
643436	OK	8.53	15.8	49.4	57.9	18.5	32.0	11.3	148.	9.64	1.32
643463	OK	8.73	15.9	48.7	55.7	18.2	32.7	11.2	147.	11.28	1.62
643477	OK	8.46	15.1	46.6	55.0	17.9	32.5	11.8	174.	10.60	0.93
643486	OK	8.71	15.9	48.8	56.0	18.2	32.5	10.2	80.	10.71	0.64
Female, Group: IV - 25 mg/kg - Day 93											
643321	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643324	OK	7.78	15.4	46.6	59.9	19.9	33.2	11.1	188.	9.38	0.68
643364	OK	8.31	16.4	45.2	54.4	19.7	36.3	10.7	121.	8.88	2.08
643380	OK	8.16	15.3	46.8	57.4	18.8	32.7	11.5	127.	8.05	1.56
643389	OK	7.84	14.7	44.7	57.0	18.7	32.8	11.2	116.	8.47	1.47
643390	OK	8.66	15.6	50.2	58.0	18.1	31.2	11.9	173.	11.66	0.83
643396	OK	8.02	14.5	45.0	56.1	18.1	32.3	10.9	117.	9.72	1.75
643410	OK	7.85	14.6	43.4	55.3	18.6	33.6	11.2	173.	12.64	1.64
643433	OK	7.96	15.2	45.5	57.1	19.1	33.4	11.7	201.	8.03	1.10
643458	OK	8.15	14.7	44.0	54.0	18.0	33.4	11.5	193.	11.89	1.99

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /uL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /uL	WBC x10 ³ /uL	ANEU x10 ³ /uL
Female, Group: VI - 100 mg/kg - Day 93											
643322	OK	7.87	14.7	45.3	57.5	18.6	32.4	11.9	173.	7.40	2.74
643323	OK	7.18	14.5	48.6	67.6	20.2	29.8	19.2	725.	12.84	2.12
643366	OK	7.94	14.7	44.7	56.3	18.5	32.8	11.6	171.	10.55	2.05
643367	OK	8.51	15.2	46.6	54.8	17.9	32.6	11.0	122.	7.91	1.25
643392	OK	9.48	16.3	51.5	54.3	17.2	31.7	11.4	161.	7.57	2.13
643409	OK	7.81	14.7	43.6	55.9	18.9	33.8	11.7	206.	9.24	1.99
643461	OK	7.74	14.9	44.0	56.8	19.2	33.8	11.0	145.	10.05	3.71
643462	OK	8.41	15.2	46.4	55.1	18.0	32.7	11.3	119.	12.36	1.80
643472	OK	8.56	15.3	46.6	54.5	17.9	32.9	11.0	150.	13.02	1.22
643489	OK	8.16	15.0	45.1	55.3	18.4	33.2	12.4	220.	12.67	4.04
Female, Group: VIII - 250 mg/kg - Day 93											
643332	OK	7.30	13.6	42.2	57.8	18.7	32.3	12.5	161.	8.68	1.01
643340	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643341	OK	7.78	14.1	44.4	57.2	18.2	31.8	12.5	197.	10.17	1.73
643359	OK	8.02	14.6	44.7	55.7	18.2	32.6	12.6	157.	11.50	2.07
643370	OK	8.19	14.3	45.1	55.1	17.5	31.8	14.8	229.	7.74	1.66
643404	OK	7.66	14.4	43.7	57.0	18.8	32.9	11.5	165.	12.72	1.55
643408	OK	8.13	14.6	45.4	55.8	17.9	32.1	11.4	155.	12.43	3.41
643435	OK	8.16	14.9	46.1	56.5	18.3	32.4	11.5	187.	8.44	0.69
643446	OK	7.61	13.4	41.6	54.7	17.6	32.1	11.9	140.	12.97	1.49
643466	OK	7.50	13.9	43.0	57.3	18.5	32.4	12.1	156.	9.89	1.25

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Female, Group: II - 0 mg/kg - Day 93										
643354	NT	8.38	0.19	0.40	0.07	0.12	NT	NT	1044	
643361	NT	9.60	0.18	0.26	0.10	0.14	NT	NT	1047	
643362	NT	5.97	0.26	0.11	0.04	0.05	NT	NT	1052	
643374	NT	5.55	0.19	0.13	0.06	0.05	NT	NT	1320	
643398	NT	7.47	0.19	0.09	0.06	0.08	NT	NT	967	
643406	NT	9.69	0.38	0.22	0.09	0.23	NT	NT	1054	
643436	NT	7.82	0.19	0.14	0.06	0.11	NT	NT	1129	
643463	NT	9.06	0.19	0.15	0.12	0.13	NT	NT	979	
643477	NT	9.14	0.19	0.18	0.06	0.09	NT	NT	787	
643486	NT	9.53	0.15	0.14	0.09	0.16	NT	NT	867	
Female, Group: IV - 25 mg/kg - Day 93										
643321	NT	NT	NT	NT	NT	NT	NT	NT	NT	
643324	NT	8.15	0.13	0.16	0.12	0.15	NT	NT	958	
643364	NT	6.26	0.23	0.23	0.03	0.06	NT	NT	RNV	
643380	NT	5.91	0.27	0.14	0.07	0.10	NT	NT	872	
643389	NT	6.63	0.19	0.06	0.03	0.09	NT	NT	1159	
643390	NT	9.85	0.45	0.14	0.07	0.31	NT	NT	861	
643396	NT	7.34	0.30	0.07	0.12	0.15	NT	NT	1077	
643410	NT	10.54	0.17	0.12	0.08	0.09	NT	NT	1034	
643433	NT	6.49	0.16	0.16	0.04	0.08	NT	NT	1054	
643458	NT	9.26	0.23	0.21	0.11	0.09	NT	NT	1018	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Female, Group: VI - 100 mg/kg - Day 93										
643322	NT	4.28	0.15	0.14	0.05	0.04	NT	NT	RNV	
643323	NT	9.80	0.32	0.40	0.06	0.14	NT	NT	RNV	
643366	NT	7.96	0.22	0.10	0.10	0.12	NT	NT	1083	
643367	NT	6.03	0.22	0.23	0.07	0.12	NT	NT	1134	
643392	NT	4.92	0.22	0.20	0.04	0.06	NT	NT	RNV	
643409	NT	6.58	0.23	0.26	0.10	0.08	NT	NT	1132	
643461	NT	5.72	0.20	0.32	0.04	0.07	NT	NT	RNV	
643462	NT	9.65	0.38	0.18	0.10	0.25	NT	NT	1060	
643472	NT	11.24	0.24	0.12	0.09	0.11	NT	NT	1305	
643489	NT	7.71	0.40	0.23	0.09	0.20	NT	NT	996	
Female, Group: VIII - 250 mg/kg - Day 93										
643332	NT	7.35	0.14	0.08	0.05	0.06	NT	NT	1045	
643340	NT	NT	NT	NT	NT	NT	NT	NT	NT	
643341	NT	7.71	0.35	0.26	0.04	0.08	NT	NT	1143	
643359	NT	8.24	0.69	0.16	0.05	0.29	NT	NT	904	
643370	NT	5.56	0.17	0.25	0.02	0.09	NT	NT	RNV	
643404	NT	10.58	0.25	0.16	0.05	0.13	NT	NT	RNV	
643408	NT	8.31	0.32	0.20	0.06	0.12	NT	NT	1000	
643435	NT	7.23	0.21	0.15	0.03	0.12	NT	NT	RNV	
643446	NT	10.90	0.16	0.16	0.12	0.14	NT	NT	849	
643466	NT	7.86	0.29	0.24	0.04	0.20	NT	NT	1231	

H-24516: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	COND	RBC $\times 10^6/\mu\text{L}$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET $\times 10^3/\mu\text{L}$	WBC $\times 10^3/\mu\text{L}$	ANEU $\times 10^3/\mu\text{L}$
Female, Group: II - 0 mg/kg - Day 125											
643330	OK	7.97	14.9	45.3	56.8	18.7	33.0	13.3	157.	7.17	1.08
643336	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643377	OK	7.80	14.9	44.6	57.2	19.2	33.5	12.6	206.	6.44	1.31
643387	OK	8.33	15.7	47.0	56.4	18.8	33.3	12.6	174.	6.91	0.70
643405	OK	7.87	15.2	48.2	61.2	19.4	31.6	12.5	179.	10.41	0.84
643415	OK	7.57	14.4	43.6	57.7	19.1	33.0	12.8	162.	7.69	1.61
643425	OK	8.00	15.3	46.4	58.0	19.1	33.0	12.3	205.	7.19	1.34
643426	OK	7.28	14.0	42.0	57.6	19.3	33.5	12.8	178.	6.53	1.04
643448	OK	8.49	15.9	47.9	56.5	18.7	33.1	11.3	133.	8.04	1.11
643453	OK	8.25	16.0	46.3	56.1	19.4	34.5	11.2	148.	11.41	1.10
Female, Group: VIII - 250 mg/kg - Day 125											
643345	OK	7.91	14.6	44.0	55.6	18.4	33.1	11.5	106.	6.94	1.50
643347	OK	7.83	14.1	43.0	54.9	18.0	32.7	11.8	145.	8.55	1.07
643351	OK	8.10	15.5	46.6	57.6	19.1	33.1	11.8	159.	8.95	1.55
643358	OK	8.58	14.9	44.6	52.0	17.3	33.4	11.9	149.	6.44	0.90
643423	OK	7.12	14.0	42.2	59.2	19.6	33.2	11.7	235.	11.22	1.31
643441	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643441	OK	8.58	15.7	47.3	55.1	18.3	33.1	12.0	152.	8.02	2.48
643444	OK	7.38	13.5	39.9	54.1	18.3	33.7	11.8	120.	8.59	2.24
643456	OK	8.34	15.6	45.3	54.3	18.8	34.5	11.9	130.	7.70	1.95
643474	OK	8.13	15.4	46.1	56.6	19.0	33.5	11.0	110.	6.63	1.25

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Hematology Values

Animal Number	ANPR x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABLT x10 ³ /uL	AMSC x10 ³ /uL	PLT x10 ³ /uL	SPEC
Female, Group: II - 0 mg/kg - Day 125										
643330	NT	5.80	0.12	0.09	0.01	0.06	NT	NT	958	
643336	NT	NT	NT	NT	NT	NT	NT	NT	NT	
643377	NT	4.62	0.20	0.12	0.06	0.13	NT	NT	985	
643387	NT	5.88	0.14	0.06	0.03	0.08	NT	NT	1376	
643405	NT	9.04	0.30	0.07	0.02	0.14	NT	NT	1158	
643415	NT	5.55	0.27	0.16	0.04	0.06	NT	NT	1256	
643425	NT	5.45	0.15	0.10	0.07	0.09	NT	NT	797	
643426	NT	5.07	0.25	0.05	0.03	0.08	NT	NT	1050	
643448	NT	6.52	0.17	0.06	0.10	0.08	NT	NT	1128	
643453	NT	9.72	0.31	0.16	0.04	0.09	NT	NT	682	
Female, Group: VIII - 250 mg/kg - Day 125										
643345	NT	4.95	0.20	0.10	0.05	0.13	NT	NT	1212	
643347	NT	7.08	0.16	0.11	0.06	0.07	NT	NT	1431	
643351	NT	6.95	0.14	0.21	0.03	0.08	NT	NT	RNV	
643358	NT	4.94	0.26	0.14	0.02	0.18	NT	NT	RNV	
643423	NT	9.16	0.43	0.16	0.03	0.12	NT	NT	RNV	
643441	NT	NT	NT	NT	NT	NT	NT	NT	NT	
643444	NT	4.58	0.58	0.17	0.02	0.19	NT	NT	1088	
643456	NT	5.72	0.30	0.16	0.07	0.09	NT	NT	1034	
643474	NT	5.24	0.27	0.15	0.03	0.08	NT	NT	RNV	
643481	NT	4.88	0.23	0.17	0.01	0.09	NT	NT	1095	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Male, Group: I - 0 mg/kg - Day 44											
643143	--	--	--	--	2	--	3	1	--	--	--
643150	--	--	--	--	1	--	1	1	--	--	--
643185	--	--	--	--	1	--	1	1	--	--	--
643189	--	--	--	--	1	--	1	2	--	--	--
643204	--	--	--	--	1	--	2	2	--	--	--
643205	--	--	--	--	1	--	4	3	--	--	--
643235	--	--	--	--	1	--	3	2	--	--	--
643241	--	--	--	--	1	--	3	2	--	--	--
643288	--	--	--	--	1	--	1	1	--	--	--
643300	--	--	--	--	1	--	2	1	--	--	--
Male, Group: III - 25 mg/kg - Day 44											
643173	--	--	--	--	1	--	3	1	--	--	--
643179	--	--	--	--	1	--	1	1	--	--	--
643180	--	--	--	--	1	--	1	2	--	--	--
643228	--	--	--	--	1	--	1	1	--	--	--
643240	--	--	--	--	1	--	2	2	--	--	--
643264	--	--	--	--	1	--	3	2	--	--	--
643272	--	--	--	--	1	--	3	2	--	--	--
643290	--	--	--	--	1	--	3	2	--	--	--
643292	--	--	--	--	1	--	2	1	--	--	--
643308	--	--	--	--	1	--	2	2	--	--	--

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYP0	ECH1	ACAN	TARG	RX	HJB
Male, Group: V - 100 mg/kg - Day 44											
643175	--	--	--	--	1	--	1	1	--	--	--
643224	--	--	--	--	1	--	1	1	--	--	--
643243	--	--	--	--	1	--	2	2	--	--	--
643247	--	1	1	--	1	--	4	3	--	--	--
643250	--	--	--	--	1	--	1	1	--	--	--
643257	--	--	--	--	1	--	1	1	--	--	--
643275	--	--	--	--	1	--	1	1	--	--	--
643311	--	--	--	--	1	--	2	2	--	--	--
643314	--	--	--	--	1	--	1	2	--	--	--
643318	--	--	--	--	1	--	2	1	--	--	--
Male, Group: VII - 250 mg/kg - Day 44											
643174	--	--	--	--	1	--	2	3	--	--	--
643193	--	--	--	--	1	--	3	2	--	--	--
643194	--	--	--	--	1	--	1	1	--	--	--
643201	--	--	--	--	1	--	1	3	--	--	--
643215	--	--	--	--	1	--	2	2	--	--	--
643252	--	--	--	--	1	--	2	2	--	--	--
643259	--	1	1	--	1	--	1	2	--	--	--
643260	--	--	--	--	1	--	2	1	--	--	--
643298	--	--	--	--	1	--	1	2	--	--	--
643315	--	--	--	--	1	--	3	2	--	--	--

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Individual Red Blood Cell Morphology Values

Animal Number	SPEC

Male, Group: I - 0 mg/kg - Day 44

643143	
643150	
643185	
643189	
643204	
643205	
643235	
643241	
643288	
643300	

Male, Group: III - 25 mg/kg - Day 44

643173	
643179	
643180	
643228	
643240	
643264	
643272	
643290	
643292	
643308	

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
Male, Group: V - 100 mg/kg - Day 44	
643175	
643224	
643243	1-HEMOGLOBIN CRYSTAL
643247	
643250	
643257	
643275	
643311	1-SPHEROCYTE
643314	
643318	
Male, Group: VII - 250 mg/kg - Day 44	
643174	
643193	
643194	
643201	
643215	
643252	
643259	
643260	
643298	
643315	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYP0	ECH1	ACAN	TARG	RX	HJB
Male, Group: I - 0 mg/kg - Day 91											
643143	--	--	--	--	1	--	3	3	--	--	--
643150	--	--	--	--	1	--	2	1	--	--	--
643185	--	--	--	--	--	--	--	--	--	--	--
643189	--	1	1	--	1	--	3	3	--	--	--
643204	--	--	--	--	1	--	3	3	--	--	--
643205	--	3	2	1	2	--	3	4	--	--	--
643235	--	--	--	--	1	--	3	3	--	--	--
643241	--	1	--	1	1	--	3	3	--	--	--
643288	--	--	--	--	1	--	3	3	--	--	--
643300	--	--	--	--	1	--	3	2	--	--	--
Male, Group: III - 25 mg/kg - Day 91											
643173	--	--	--	--	1	--	3	1	--	--	--
643179	--	--	--	--	1	--	1	1	--	--	--
643180	--	--	--	--	1	--	3	2	--	--	--
643228	--	--	--	--	1	--	3	3	--	--	--
643240	--	--	--	--	1	--	3	2	--	--	--
643264	--	--	--	--	2	--	3	3	--	--	--
643272	--	--	--	--	--	--	--	--	--	--	--
643290	--	--	--	--	1	--	3	3	--	--	--
643292	--	--	--	--	1	--	3	3	--	--	--
643308	--	--	--	--	1	--	2	3	--	--	--

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Male, Group: V - 100 mg/kg - Day 91											
643175	--	--	--	--	--	--	--	--	--	--	--
643224	--	--	--	--	1	--	3	3	--	--	--
643243	--	--	--	--	1	--	3	3	--	--	--
643247	--	--	--	--	1	--	1	--	--	--	--
643250	--	--	--	--	1	--	2	2	--	--	--
643257	--	--	--	--	1	--	3	3	--	--	--
643275	--	--	--	--	1	--	1	1	--	--	--
643311	--	--	--	--	1	--	3	3	--	--	--
643314	--	--	--	--	1	--	3	3	--	--	--
643318	--	--	--	--	1	--	3	3	--	--	--
Male, Group: VII - 250 mg/kg - Day 91											
643174	--	2	1	1	2	--	3	3	--	--	--
643193	--	--	--	--	1	--	2	3	--	--	--
643194	--	2	1	1	2	--	3	3	--	--	--
643201	--	1	1	--	1	--	2	3	--	--	--
643215	--	--	--	--	1	--	2	3	--	--	--
643252	--	2	2	--	2	--	3	3	--	--	--
643259	--	2	1	1	2	--	2	3	--	--	--
643260	--	--	--	--	1	--	3	3	--	--	--
643298	--	1	1	--	1	--	2	3	--	--	--
643315	--	--	--	--	2	--	3	3	--	--	--

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
Male, Group: I - 0 mg/kg - Day 91	
643143	1-POIKILOCYTOSIS
643150	1-HEMOGLOBIN CRYSTAL
643185	
643189	
643204	
643205	1-SPHEROCYTE
643235	
643241	
643288	
643300	
Male, Group: III - 25 mg/kg - Day 91	
643173	
643179	
643180	
643228	1-POIKILOCYTOSIS
643240	
643264	
643272	
643290	
643292	
643308	

Individual Red Blood Cell Morphology Values

Animal Number	SPEC

Male, Group: V - 100 mg/kg - Day 91

643175	
643224	
643243	
643247	
643250	
643257	
643275	
643311	
643314	1-POIKILOCYTOSIS
643318	

Male, Group: VII - 250 mg/kg - Day 91

643174	
643193	
643194	
643201	
643215	1-POIKILOCYTOSIS
643252	1-POIKILOCYTOSIS
643259	
643260	
643298	1-POIKILOCYTOSIS
643315	

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90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

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Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Male, Group: I - 0 mg/kg - Day 125											
643162	--	--	--	--	1	--	--	1	--	--	--
643172	--	1	1	--	1	--	1	2	--	--	--
643195	--	--	--	--	1	--	1	1	--	--	--
643226	--	1	1	--	1	--	1	--	--	--	--
643237	--	1	1	--	1	--	1	1	--	--	--
643246	--	1	1	--	1	--	2	1	--	--	--
643253	--	1	1	--	1	--	1	3	--	--	--
643262	--	--	--	--	1	--	1	1	--	--	--
643303	--	1	1	--	1	--	1	1	--	--	--
643304	--	--	--	--	1	--	1	--	--	--	--
Male, Group: VII - 250 mg/kg - Day 125											
643151	--	--	--	--	1	--	1	1	--	--	--
643165	--	--	--	--	1	--	1	1	--	--	--
643220	--	1	1	--	1	--	2	3	--	--	--
643225	--	1	1	--	1	--	--	1	--	--	--
643234	--	--	--	--	1	--	1	--	--	--	--
643236	--	2	1	1	1	--	1	3	--	--	--
643258	--	1	1	--	1	--	--	1	--	--	--
643266	--	1	1	--	1	--	1	3	--	--	--
643296	--	1	--	1	1	--	2	1	--	--	--
643316	--	1	1	--	1	--	2	2	--	--	--

Individual Red Blood Cell Morphology Values

Animal Number	SPEC

Male, Group: I - 0 mg/kg - Day 125

643162	
643172	1-SPHEROCYTE
643195	
643226	
643237	
643246	
643253	
643262	
643303	
643304	

Male, Group: VII - 250 mg/kg - Day 125

643151	
643165	
643220	
643225	
643234	1-POIKILOCYTOSIS
643236	
643258	
643266	
643296	
643316	

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Female, Group: II - 0 mg/kg - Day 45											
643354	--	--	--	--	1	--	1	1	--	--	--
643361	--	--	--	--	1	--	1	1	--	--	--
643362	--	1	1	--	1	--	1	--	--	--	--
643374	--	--	--	--	1	--	4	2	--	--	--
643398	--	--	--	--	1	--	1	--	--	--	--
643406	--	--	--	--	1	--	3	2	--	--	--
643436	--	--	--	--	1	--	2	1	--	--	--
643463	--	--	--	--	1	--	3	2	--	--	--
643477	--	--	--	--	1	--	2	2	--	--	--
643486	--	--	--	--	1	--	1	1	--	--	--
Female, Group: IV - 25 mg/kg - Day 45											
643321	--	--	--	--	--	--	--	--	--	--	--
643324	--	--	--	--	1	--	2	1	--	--	--
643364	--	--	--	--	1	--	2	2	--	--	--
643380	--	--	--	--	1	--	3	2	--	--	--
643389	--	--	--	--	1	--	2	1	--	--	--
643390	--	--	--	--	1	--	1	--	--	--	--
643396	--	--	--	--	1	--	4	2	--	--	--
643410	--	--	--	--	1	--	1	1	--	--	--
643433	--	--	--	--	1	--	2	--	--	--	--
643458	--	--	--	--	1	--	1	1	--	--	--

H-24516: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECH	ACAN	TARG	RX	HJB
Female, Group: VI - 100 mg/kg - Day 45											
643322	--	--	--	--	1	--	3	1	--	--	--
643323	--	--	--	--	1	--	2	1	--	--	--
643366	--	--	--	--	1	--	1	--	--	--	--
643367	--	--	--	--	1	--	2	2	--	--	--
643392	--	--	--	--	1	--	2	2	--	--	--
643409	--	--	--	--	1	--	4	2	--	--	--
643461	--	--	--	--	1	--	3	2	--	--	--
643462	--	--	--	--	1	--	3	1	--	--	--
643472	--	--	--	--	1	--	2	2	--	--	--
643489	--	--	--	--	1	--	3	--	2	--	--
Female, Group: VIII - 250 mg/kg - Day 45											
643332	--	--	--	--	1	--	1	1	--	--	--
643340	--	--	--	--	1	--	2	1	--	--	--
643341	--	--	--	--	1	--	3	1	--	--	--
643359	--	--	--	--	1	--	2	2	--	--	--
643370	--	--	--	--	1	--	3	1	--	--	--
643404	--	--	--	--	1	--	3	2	--	--	--
643408	--	--	--	--	1	--	3	3	--	--	--
643435	--	--	--	--	1	--	3	1	--	--	--
643446	--	--	--	--	1	--	4	2	--	--	--
643466	--	--	--	--	1	--	3	1	--	--	--

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
Female, Group: II - 0 mg/kg - Day 45	
643354	
643362	
643361	
643374	
643398	
643406	2-HEMOGLOBIN CRYSTAL
643436	
643463	
643477	
643486	
Female, Group: IV - 25 mg/kg - Day 45	
643321	
643324	
643364	
643380	
643389	
643390	
643396	
643410	
643433	1-HEMOGLOBIN CRYSTAL
643458	

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
Female, Group: VI - 100 mg/kg - Day 45	
643322	2-HEMOGLOBIN CRYSTAL
643323	
643366	1-HEMOGLOBIN CRYSTAL
643367	
643392	
643409	2-HEMOGLOBIN CRYSTAL
643461	
643462	
643472	
643489	
Female, Group: VIII - 250 mg/kg - Day 45	
643332	
643340	
643341	
643359	
643370	
643404	1-HEMOGLOBIN CRYSTAL
643408	
643435	
643446	
643466	

Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Female, Group: II - 0 mg/kg - Day 93											
643354	--	--	--	--	1	--	2	--	--	--	--
643361	--	--	--	--	1	--	1	1	--	--	--
643362	--	--	--	--	1	--	--	--	--	--	--
643374	--	--	--	--	1	--	2	2	--	--	--
643398	--	--	--	--	1	--	1	--	--	--	--
643406	--	--	--	--	1	--	3	2	--	--	--
643436	--	--	--	--	1	--	1	--	--	--	--
643463	--	--	--	--	1	--	1	--	--	--	--
643477	--	--	--	--	1	--	2	--	--	--	--
643486	--	--	--	--	1	--	2	--	--	--	--
Female, Group: IV - 25 mg/kg - Day 93											
643321	--	--	--	--	--	--	--	--	--	--	--
643324	--	--	--	--	1	--	1	--	--	--	--
643364	--	--	--	--	1	--	2	1	--	--	--
643380	--	--	--	--	1	--	1	2	--	--	--
643389	--	--	--	--	1	--	1	1	--	--	--
643390	--	--	--	--	1	--	1	--	--	--	--
643396	--	--	--	--	1	--	1	--	--	--	--
643410	--	--	--	--	1	--	1	--	--	--	--
643433	--	--	--	--	1	--	2	--	--	--	--
643458	--	--	--	--	1	--	--	--	--	--	--

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Female, Group: VI - 100 mg/kg - Day 93											
643322	--	--	--	--	1	--	--	--	--	--	--
643323	--	1	1	1	2	--	2	1	--	--	--
643366	--	--	--	--	1	--	1	--	--	--	--
643367	--	--	--	--	1	--	3	1	--	--	--
643392	--	--	--	--	1	--	3	1	--	--	--
643409	--	--	--	--	1	--	2	2	--	--	--
643461	--	--	--	--	1	--	2	1	--	--	--
643462	--	--	--	--	1	--	1	--	--	--	--
643472	--	--	--	--	1	--	2	1	--	--	--
643489	--	--	--	--	1	--	2	2	--	--	--
Female, Group: VIII - 250 mg/kg - Day 93											
643332	--	--	--	--	1	--	1	--	--	--	--
643340	--	--	--	--	--	--	--	--	--	--	--
643341	--	--	--	--	1	--	2	3	--	--	--
643359	--	--	--	--	1	--	2	1	--	--	--
643370	--	--	--	--	1	--	2	2	--	--	--
643404	--	--	--	--	1	--	3	1	--	--	--
643408	--	--	--	--	1	--	3	1	--	--	--
643435	--	--	--	--	1	--	4	2	--	--	--
643446	--	--	--	--	1	--	2	1	--	--	--
643466	--	--	--	--	1	--	3	3	--	--	--

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Individual Red Blood Cell Morphology Values

Animal Number	SPEC

Female, Group: II - 0 mg/kg - Day 93

643354	
643361	
643362	
643374	
643398	
643406	
643436	
643463	
643477	1-POIKILOCYTOSIS
643486	

Female, Group: IV - 25 mg/kg - Day 93

643321	
643324	
643364	
643380	
643389	
643390	
643396	
643410	
643433	
643458	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Red Blood Cell Morphology Values

Animal Number	SPEC

Female, Group: VI - 100 mg/kg - Day 93

643322
643323
643366
643367
643392
643409
643461
643462
643472
643489

Female, Group: VIII - 250 mg/kg - Day 93

643332
643340
643341
643359
643370
643404
643408
643435
643446
643466

1-SPHEROCYTE

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Female, Group: II - 0 mg/kg - Day 125											
643330	--	--	--	--	1	--	2	2	--	--	--
643336	--	--	--	--	--	--	--	--	--	--	--
643377	--	--	--	--	1	--	1	--	--	--	--
643387	--	--	--	--	1	--	1	--	--	--	--
643405	--	--	--	--	1	--	2	2	--	--	--
643415	--	--	--	--	1	--	2	1	--	--	--
643425	--	1	1	--	1	--	1	1	--	--	--
643426	--	--	--	--	1	--	1	--	--	--	--
643448	--	--	--	--	1	--	--	--	--	--	--
643453	--	--	--	--	1	--	--	--	--	--	--
Female, Group: VIII - 250 mg/kg - Day 125											
643345	--	--	--	--	1	--	--	--	--	--	--
643347	--	1	1	--	1	--	1	1	--	--	--
643351	--	--	--	--	1	--	2	--	--	--	--
643358	--	--	--	--	1	--	1	--	--	--	--
643423	--	--	--	--	1	--	2	--	--	--	--
643441	--	--	--	--	--	--	--	--	--	--	--
643444	--	--	--	--	1	--	--	--	--	--	--
643456	--	--	--	--	1	--	1	--	--	--	--
643474	--	--	--	--	1	--	1	--	--	--	--
643481	--	--	--	--	1	--	--	--	--	--	--

Individual Red Blood Cell Morphology Values

Animal Number	SPEC

Female, Group: II - 0 mg/kg - Day 125

643330	
643336	
643377	
643387	
643405	
643415	
643425	
643426	
643448	
643453	

Female, Group: VIII - 250 mg/kg - Day 125

643345	
643347	
643351	
643358	
643423	
643441	
643444	
643456	
643474	
643481	

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Male, Group: I - 0 mg/kg - Day 44									
643143	NORMAL	--	--	--	--	--	--	--	
643150	NORMAL	--	--	--	--	--	--	--	
643185	NORMAL	--	--	--	--	--	--	--	
643189	--	--	--	1	--	--	--	--	DECR PLATELET
643204	NORMAL	--	--	--	--	--	--	--	
643205	NORMAL	--	--	--	--	--	--	--	
643235	NORMAL	--	--	--	--	--	--	--	
643241	NORMAL	--	--	--	--	--	--	--	
643288	NORMAL	--	--	--	--	--	--	--	
643300	NORMAL	--	--	--	--	--	--	--	
Male, Group: III - 25 mg/kg - Day 44									
643173	NORMAL	--	--	--	--	--	--	--	
643179	NORMAL	--	--	--	--	--	--	--	
643180	NORMAL	--	--	--	--	--	--	--	
643228	NORMAL	--	--	--	--	--	--	--	
643240	NORMAL	--	--	--	--	--	--	--	
643264	NORMAL	--	--	--	--	--	--	--	
643272	NORMAL	--	--	--	--	--	--	--	
643290	NORMAL	--	--	--	--	--	--	--	
643292	NORMAL	--	--	--	--	--	--	--	
643308	--	--	--	1	--	--	--	--	ADEQ PLATELET

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Male, Group: V - 100 mg/kg - Day 44									
643175	NORMAL	--	--	--	--	--	--	--	
643224	NORMAL	--	--	--	--	--	--	--	
643243	--	--	--	1	--	--	--	--	UTD PLATELET
643247	--	--	--	1	--	--	--	--	DECR PLATELET
643250	NORMAL	--	--	--	--	--	--	--	
643257	NORMAL	--	--	--	--	--	--	--	
643275	NORMAL	--	--	--	--	--	--	--	
643311	NORMAL	--	--	--	--	--	--	--	
643314	NORMAL	--	--	--	--	--	--	--	
643318	NORMAL	--	--	--	--	--	--	--	
Male, Group: VII - 250 mg/kg - Day 44									
643174	--	--	--	1	--	--	--	--	DECR PLATELET
643193	NORMAL	--	--	--	--	--	--	--	
643194	NORMAL	--	--	--	--	--	--	--	
643201	NORMAL	--	--	--	--	--	--	--	
643215	NORMAL	--	--	--	--	--	--	--	
643252	--	--	--	1	--	--	--	--	UTD PLATELET
643259	NORMAL	--	--	--	--	--	--	--	
643260	NORMAL	--	--	--	--	--	--	--	
643298	NORMAL	--	--	--	--	--	--	--	
643315	NORMAL	--	--	--	--	--	--	--	

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Male, Group: I - 0 mg/kg - Day 91									
643143	NORMAL	--	--	--	--	--	--	--	
643150	NORMAL	--	--	--	--	--	--	--	
643185	--	--	--	--	--	--	--	--	
643189	NORMAL	--	--	--	--	--	--	--	
643204	NORMAL	--	--	--	--	--	--	--	
643205	NORMAL	--	--	--	--	--	--	--	
643235	NORMAL	--	--	--	--	--	--	--	
643241	--	--	--	1	--	--	--	--	UTD PLATELET
643288	NORMAL	--	--	--	--	--	--	--	DECR PLATELET
643300	--	--	--	1	--	--	--	--	
Male, Group: III - 25 mg/kg - Day 91									
643173	NORMAL	--	--	--	--	--	--	--	
643179	NORMAL	--	--	--	--	--	--	--	
643180	NORMAL	--	--	--	--	--	--	--	
643228	NORMAL	--	--	--	--	--	--	--	
643240	NORMAL	--	--	--	--	--	--	--	
643264	NORMAL	--	--	--	--	--	--	--	
643272	--	--	--	--	--	--	--	--	
643290	NORMAL	--	--	--	--	--	--	--	
643292	NORMAL	--	--	--	--	--	--	--	
643308	NORMAL	--	--	--	--	--	--	--	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Male, Group: V - 100 mg/kg - Day 91									
643175	--	--	--	--	--	--	--	--	
643224	NORMAL	--	--	--	--	--	--	--	
643243	NORMAL	--	--	--	--	--	--	--	
643247	NORMAL	--	--	--	--	--	--	--	
643250	NORMAL	--	--	--	--	--	--	--	
643257	--	--	--	1	--	--	--	--	DECR PLATELET
643275	NORMAL	--	--	--	--	--	--	--	
643311	NORMAL	--	--	--	--	--	--	--	
643314	NORMAL	--	--	--	--	--	--	--	
643318	NORMAL	--	--	--	--	--	--	--	
Male, Group: VII - 250 mg/kg - Day 91									
643174	--	--	--	1	--	--	--	--	DECR PLATELET
643193	NORMAL	--	--	1	--	--	--	--	UTD PLATELET
643194	--	--	--	--	--	--	--	--	
643201	NORMAL	--	--	--	--	--	--	--	
643215	NORMAL	--	--	--	--	--	--	--	
643252	NORMAL	--	--	--	--	--	--	--	
643259	--	--	--	1	--	--	--	--	DECR PLATELET
643260	NORMAL	--	--	--	--	--	--	--	
643298	NORMAL	--	--	--	--	--	--	--	
643315	NORMAL	--	--	--	--	--	--	--	

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Male, Group: I - 0 mg/kg - Day 125									
643162	NORMAL	--	--	--	--	--	--	--	
643172	NORMAL	--	--	--	--	--	--	--	
643195	NORMAL	--	--	--	--	--	--	--	
643226	--	--	--	1	--	--	--	--	ADEQ PLATELET
643237	NORMAL	--	--	--	--	--	--	--	
643246	NORMAL	--	--	--	--	--	--	--	
643253	NORMAL	--	--	--	--	--	--	--	
643262	NORMAL	--	--	--	--	--	--	--	
643303	--	--	--	1	--	--	--	--	UTD PLATELET DECR PLATELET
643304	--	--	--	1	--	--	--	--	
Male, Group: VII - 250 mg/kg - Day 125									
643151	NORMAL	--	--	--	--	--	--	--	
643165	NORMAL	--	--	--	--	--	--	--	
643220	NORMAL	--	--	--	--	--	--	--	
643225	NORMAL	--	--	--	--	--	--	--	
643234	NORMAL	--	--	--	--	--	--	--	
643236	--	--	--	1	--	--	--	--	ADEQ PLATELET
643258	NORMAL	--	--	--	--	--	--	--	
643266	NORMAL	--	--	--	--	--	--	--	
643296	NORMAL	--	--	--	--	--	--	--	
643316	NORMAL	--	--	--	--	--	--	--	

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Female, Group: II - 0 mg/kg - Day 45									
643354	NORMAL	--	--	--	--	--	--	--	
643361	NORMAL	--	--	--	--	--	--	--	
643362	NORMAL	--	--	--	--	--	--	--	
643374	NORMAL	--	--	--	--	--	--	--	
643398	NORMAL	--	--	--	--	--	--	--	
643406	--	--	--	1	--	--	--	--	ADEQ PLATELET
643436	NORMAL	--	--	--	--	--	--	--	
643463	--	--	--	1	--	--	--	--	UTD PLATELET
643477	--	--	--	1	--	--	--	--	DECR PLATELET
643486	--	--	--	1	--	--	--	--	ADEQ PLATELET
Female, Group: IV - 25 mg/kg - Day 45									
643321	--	--	--	--	--	--	--	--	
643324	NORMAL	--	--	--	--	--	--	--	
643364	NORMAL	--	--	--	--	--	--	--	
643380	NORMAL	--	--	--	--	--	--	--	
643389	NORMAL	--	--	--	--	--	--	--	
643390	NORMAL	--	--	--	--	--	--	--	
643396	NORMAL	--	--	--	--	--	--	--	
643410	NORMAL	--	--	--	--	--	--	--	
643433	NORMAL	--	--	--	--	--	--	--	
643458	NORMAL	--	--	--	--	--	--	--	

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Female, Group: VI - 100 mg/kg - Day 45									
643322	NORMAL	--	--	--	--	--	--	--	
643323	NORMAL	--	--	--	--	--	--	--	
643366	NORMAL	--	--	--	--	--	--	--	
643367	NORMAL	--	--	--	--	--	--	--	
643392	NORMAL	--	--	--	--	--	--	--	
643409	--	--	--	1	--	--	--	--	ADEQ PLATELET
643461	--	--	--	1	--	--	--	--	ADEQ PLATELET
643462	NORMAL	--	--	--	--	--	--	--	
643472	NORMAL	--	--	--	--	--	--	--	
643489	NORMAL	--	--	--	--	--	--	--	
Female, Group: VIII - 250 mg/kg - Day 45									
643332	NORMAL	--	--	--	--	--	--	--	
643340	NORMAL	--	--	--	--	--	--	--	
643341	--	--	--	1	--	--	--	--	ADEQ PLATELET
643359	NORMAL	--	--	--	--	--	--	--	
643370	NORMAL	--	--	--	--	--	--	--	
643404	NORMAL	--	--	--	--	--	--	--	
643408	NORMAL	--	--	--	--	--	--	--	
643435	NORMAL	--	--	--	--	--	--	--	
643446	NORMAL	--	--	--	--	--	--	--	
643466	NORMAL	--	--	--	--	--	--	--	

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Female, Group: II - 0 mg/kg - Day 93									
643354	NORMAL	--	--	--	--	--	--	--	
643361	NORMAL	--	--	--	--	--	--	--	
643362	NORMAL	--	--	--	--	--	--	--	
643374	NORMAL	--	--	--	--	--	--	--	
643398	NORMAL	--	--	--	--	--	--	--	
643406	NORMAL	--	--	--	--	--	--	--	
643436	NORMAL	--	--	--	--	--	--	--	
643463	NORMAL	--	--	--	--	--	--	--	
643477	NORMAL	--	--	--	--	--	--	--	
643486	NORMAL	--	--	--	--	--	--	--	
Female, Group: IV - 25 mg/kg - Day 93									
643321	--	--	--	--	--	--	--	--	
643324	NORMAL	--	--	--	--	--	--	--	
643364	--	--	--	1	--	--	--	--	
643380	NORMAL	--	--	--	--	--	--	--	
643389	NORMAL	--	--	--	--	--	--	--	
643390	NORMAL	--	--	--	--	--	--	--	
643396	NORMAL	--	--	--	--	--	--	--	
643410	NORMAL	--	--	--	--	--	--	--	
643433	NORMAL	--	--	--	--	--	--	--	
643458	NORMAL	--	--	--	--	--	--	--	

UTD PLATELET

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Female, Group: VI - 100 mg/kg - Day 93									
643322	--	--	--	1	--	--	--	--	UTD PLATELET
643323	--	--	--	1	--	--	--	--	UTD PLATELET
643366	NORMAL	--	--	--	--	--	--	--	
643367	NORMAL	--	--	--	--	--	--	--	UTD PLATELET
643392	--	--	--	1	--	--	--	--	UTD PLATELET
643409	NORMAL	--	--	--	--	--	--	--	
643461	--	--	--	1	--	--	--	--	UTD PLATELET
643462	NORMAL	--	--	--	--	--	--	--	
643472	NORMAL	--	--	--	--	--	--	--	
643489	NORMAL	--	--	--	--	--	--	--	
Female, Group: VIII - 250 mg/kg - Day 93									
643332	NORMAL	--	--	--	--	--	--	--	
643340	--	--	--	--	--	--	--	--	
643341	NORMAL	--	--	--	--	--	--	--	
643359	NORMAL	--	--	--	--	--	--	--	UTD PLATELET
643370	--	--	--	1	--	--	--	--	ADEQ PLATELET
643404	--	--	--	1	--	--	--	--	UTD PLATELET
643408	NORMAL	--	--	--	--	--	--	--	
643435	--	--	--	1	--	--	--	--	
643446	NORMAL	--	--	--	--	--	--	--	
643466	NORMAL	--	--	--	--	--	--	--	

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	DB	PC	GP	BP	TOX	VC	SPEC
Female, Group: II - 0 mg/kg - Day 125									
643330	NORMAL	--	--	--	--	--	--	--	
643336	--	--	--	--	--	--	--	--	
643377	NORMAL	--	--	--	--	--	--	--	
643387	NORMAL	--	--	--	--	--	--	--	
643405	NORMAL	--	--	--	--	--	--	--	
643415	NORMAL	--	--	--	--	--	--	--	
643425	NORMAL	--	--	--	--	--	--	--	
643426	NORMAL	--	--	--	--	--	--	--	
643448	NORMAL	--	--	--	--	--	--	--	
643453	NORMAL	--	--	--	--	--	--	--	
Female, Group: VIII - 250 mg/kg - Day 125									
643345	NORMAL	--	--	--	--	--	--	--	
643347	NORMAL	--	--	--	--	--	--	--	
643351	--	--	--	1	--	--	--	--	DECR PLATELET
643358	--	--	--	1	--	--	--	--	DECR PLATELET
643423	--	--	--	1	--	--	--	--	UTD PLATELET
643441	--	--	--	--	--	--	--	--	
643444	NORMAL	--	--	--	--	--	--	--	
643456	NORMAL	--	--	--	--	--	--	--	
643474	--	--	--	1	--	--	--	--	UTD PLATELET
643481	NORMAL	--	--	--	--	--	--	--	

Individual Coagulation Values

Animal Number	PHEM	PLIP	PICT	PT sec	APTT sec
Male, Group: I - 0 mg/kg - Day 91					
643143	NONE	NONE	NONE	14.7	17.5
643150	NONE	NONE	NONE	15.6	17.9
643185	NONE	NONE	NONE	15.2	16.8
643189	NONE	NONE	NONE	16.2	21.9
643204	NONE	NONE	NONE	15.7	18.0
643205	NONE	NONE	NONE	14.4	15.0
643235	NONE	NONE	NONE	14.6	20.2
643241	NONE	NONE	NONE	15.1	22.7
643288	NONE	NONE	NONE	14.3	16.5
643300	NONE	NONE	NONE	16.5	20.0

Male, Group: III - 25 mg/kg - Day 91

643173	NONE	NONE	NONE	14.8	13.6
643179	NONE	NONE	NONE	14.5	13.1
643180	NONE	NONE	NONE	15.2	19.4
643228	NONE	NONE	NONE	14.3	17.0
643240	NONE	NONE	NONE	14.6	18.4
643264	NONE	NONE	NONE	14.8	15.7
643272	NONE	NONE	NONE	14.5	16.3
643290	NONE	NONE	NONE	15.3	18.7
643292	NONE	NONE	NONE	14.5	14.3
643308	NONE	NONE	NONE	14.1	16.1

Individual Coagulation Values

Animal Number	PHEM	PLIP	PICT	PT sec	APTT sec
Male, Group: V - 100 mg/kg - Day 91					
643175	NSR	NT	NT	NT	NT
643224	NONE	NONE	NONE	14.7	14.5
643243	NONE	NONE	NONE	14.3	13.5
643247	NONE	NONE	NONE	14.7	15.7
643250	NONE	NONE	NONE	16.6	18.7
643257	NONE	NONE	NONE	15.2	13.2
643275	NONE	NONE	NONE	16.5	18.7
643311	NONE	NONE	NONE	15.5	15.7
643314	NONE	NONE	NONE	15.0	17.5
643318	NONE	NONE	NONE	14.1	14.8
Male, Group: VII - 250 mg/kg - Day 91					
643174	NONE	NONE	NONE	15.6	18.6
643193	NONE	NONE	NONE	15.2	17.3
643194	NONE	NONE	NONE	14.7	16.1
643201	NONE	NONE	NONE	15.0	17.0
643215	NONE	NONE	NONE	16.7	16.4
643252	TRACE	NONE	NONE	15.8	17.4
643259	NONE	NONE	NONE	15.5	16.2
643260	NONE	NONE	NONE	16.4	16.2
643298	NONE	NONE	NONE	14.9	16.0
643315	NONE	NONE	NONE	14.9	16.4

Individual Coagulation Values

Animal Number	PHEM	PLIP	PICT	PT sec	APTT sec
Female, Group: II - 0 mg/kg - Day 93					
643354	NONE	NONE	NONE	14.7	17.9
643361	SMALL	NONE	NONE	NT	NT
643362	NONE	NONE	NONE	14.2	16.6
643374	NONE	NONE	NONE	13.4	15.0
643398	NONE	NONE	NONE	14.8	17.8
643406	NONE	NONE	NONE	14.9	16.5
643436	TRACE	NONE	NONE	13.9	15.9
643463	NONE	NONE	NONE	13.7	16.3
643477	TRACE	NONE	NONE	15.0	18.2
643486	TRACE	NONE	NONE	16.0	19.6
Female, Group: IV - 25 mg/kg - Day 93					
643321	NSR	NT	NT	NT	NT
643324	NONE	NONE	NONE	14.2	16.6
643364	NONE	NONE	NONE	14.3	15.9
643380	TRACE	NONE	NONE	14.3	12.9
643389	NONE	NONE	NONE	14.7	15.9
643390	NONE	NONE	NONE	14.0	17.1
643396	NONE	NONE	NONE	14.0	17.7
643410	NONE	NONE	NONE	14.4	15.3
643433	NONE	NONE	NONE	14.7	14.8
643458	NONE	NONE	NONE	14.8	16.3

Individual Coagulation Values

Animal Number	PHEM	FLIP	PICT	PT sec	APTT sec
Female, Group: VI - 100 mg/kg - Day 93					
643322	NONE	NONE	NONE	13.8	13.8
643323	NONE	NONE	NONE	14.4	17.3
643366	NONE	NONE	NONE	14.1	17.3
643367	NONE	NONE	NONE	14.7	17.1
643392	NONE	NONE	NONE	14.6	14.4
643409	NONE	NONE	NONE	15.3	15.9
643461	NONE	NONE	NONE	14.4	14.3
643462	NONE	NONE	NONE	15.2	14.3
643472	NONE	NONE	NONE	13.6	17.1
643489	NONE	NONE	NONE	14.5	12.9
Female, Group: VIII - 250 mg/kg - Day 93					
643332	NONE	NONE	NONE	13.7	14.7
643340	NSR	NT	NT	NT	NT
643341	NONE	NONE	NONE	13.9	15.3
643359	NONE	NONE	NONE	14.1	16.2
643370	NONE	NONE	NONE	13.4	14.6
643404	NONE	NONE	TRACE	14.0	14.1
643408	NONE	NONE	NONE	13.6	16.7
643435	NONE	NONE	NONE	14.6	13.7
643446	NONE	NONE	NONE	15.0	12.8
643466	NONE	NONE	NONE	14.6	17.5

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: I - 0 mg/kg - Day 44											
643143	NONE	NONE	NONE	97	37	13.3	128	<0.10	15	0.34	56
643150	TRACE	NONE	NONE	84	33	19.4	184	0.10	13	0.33	74
643185	NONE	NONE	NONE	82	28	17.3	113	<0.10	14	0.38	85
643189	NONE	NONE	NONE	79	27	26.0	144	<0.10	16	0.29	72
643204	NONE	NONE	NONE	69	30	20.3	87	0.12	13	0.34	71
643205	NONE	NONE	NONE	70	31	15.6	123	0.11	12	0.27	107
643235	NONE	NONE	NONE	66	23	15.4	153	0.10	15	0.34	134
643241	NONE	NONE	NONE	71	30	25.0	157	0.12	12	0.43	82
643288	NONE	NONE	NONE	74	28	15.6	91	<0.10	17	0.29	80
643300	NONE	NONE	NONE	90	31	20.0	158	0.13	14	0.36	77
Male, Group: III - 25 mg/kg - Day 44											
643173	TRACE	NONE	NONE	72	40	21.1	144	<0.10	12	0.24	70
643179	SMALL	NONE	NONE	81	31	16.2	165	0.11	16	0.26	56
643180	NONE	NONE	NONE	71	33	14.3	109	<0.10	15	0.29	71
643228	NONE	NONE	NONE	104	24	20.6	104	0.15	15	0.32	80
643240	NONE	NONE	NONE	79	32	12.3	125	<0.10	15	0.31	64
643264	SMALL	NONE	NONE	94	26	11.9	100	0.10	12	0.36	52
643272	TRACE	NONE	NONE	90	36	17.6	176	<0.10	16	0.35	47
643290	NONE	NONE	NONE	74	35	27.4	204	0.12	14	0.40	76
643292	NONE	NONE	NONE	70	38	18.4	175	<0.10	14	0.29	69
643308	NONE	NONE	NONE	100	34	18.9	139	0.15	12	0.28	67

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: V - 100 mg/kg - Day 44											
643175	MODERATE	NONE	NONE	NT-HEMOL	NT-HEMOL	15.7	NT-HEMOL	NT-HEMOL	14	0.33	62
643224	TRACE	NONE	NONE	80	32	14.3	141	<0.10	15	0.29	39
643243	MODERATE	NONE	NONE	NT-HEMOL	NT-HEMOL	20.9	NT-HEMOL	NT-HEMOL	16	0.27	61
643247	NONE	NONE	NONE	85	16	18.2	134	<0.10	19	0.30	72
643250	TRACE	NONE	NONE	75	33	22.9	157	<0.10	13	0.27	22
643257	NONE	NONE	NONE	80	35	16.9	141	0.12	17	0.36	65
643275	SMALL	NONE	NONE	65	29	17.5	202	<0.10	14	0.26	45
643311	TRACE	NONE	NONE	76	26	17.5	153	0.12	14	0.31	54
643314	NONE	NONE	NONE	67	24	16.9	162	0.12	14	0.33	61
643318	NONE	NONE	NONE	76	31	21.0	159	<0.10	15	0.24	76
Male, Group: VII - 250 mg/kg - Day 44											
643174	NONE	NONE	NONE	74	31	28.4	187	0.10	14	0.45	91
643193	NONE	NONE	NONE	99	31	11.6	185	<0.10	17	0.36	64
643194	TRACE	NONE	NONE	78	46	20.8	225	<0.10	14	0.42	39
643201	MODERATE	NONE	NONE	NT-HEMOL	NT-HEMOL	6.2	NT-HEMOL	NT-HEMOL	16	0.28	67
643215	NONE	NONE	NONE	86	23	16.1	191	<0.10	13	0.30	52
643252	NONE	NONE	NONE	86	35	20.1	157	<0.10	12	0.36	28
643259	TRACE	NONE	NONE	104	46	20.9	240	<0.10	13	0.29	48
643260	NONE	NONE	NONE	63	27	13.9	166	<0.10	13	0.25	55
643298	NONE	NONE	NONE	64	26	14.0	165	<0.10	14	0.39	55
643315	TRACE	NONE	NONE	88	32	22.1	152	<0.10	13	0.31	36

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	SPEC
Male, Group: I - 0 mg/kg - Day 44											
643143	65	104	6.4	3.9	2.5	10.2	8.8	143.3	6.30	101.7	
643150	78	93	6.0	3.9	2.1	10.4	8.2	144.3	6.55	101.5	
643185	41	111	6.5	4.1	2.4	10.5	8.2	147.0	6.43	103.6	
643189	113	145	6.4	4.0	2.4	10.9	9.4	145.9	5.65	101.6	
643204	177	106	6.6	4.3	2.3	11.0	8.4	141.7	5.95	98.2	
643205	41	97	6.8	4.2	2.6	10.8	8.4	144.4	6.15	98.9	
643235	89	109	6.5	4.0	2.5	10.8	7.9	142.1	5.34	98.0	
643241	217	99	6.9	4.4	2.5	11.5	9.1	147.7	6.16	99.7	
643288	79	105	6.7	4.0	2.7	10.8	7.7	143.8	5.54	101.2	
643300	65	135	6.7	4.4	2.3	11.0	10.0	144.5	6.13	100.4	
Male, Group: III - 25 mg/kg - Day 44											
643173	126	96	6.5	4.3	2.2	11.2	9.0	144.6	5.82	95.6	
643179	81	96	6.4	4.0	2.4	10.5	9.6	145.2	6.45	101.8	
643180	124	120	6.4	3.9	2.5	11.1	9.2	141.7	5.88	99.3	
643228	122	129	6.6	4.1	2.5	11.1	9.6	143.3	6.29	98.6	
643240	56	89	6.1	4.0	2.1	10.4	8.9	143.7	5.86	101.9	
643264	56	101	6.8	4.2	2.6	10.4	8.1	143.7	5.89	101.9	
643272	46	96	6.7	4.3	2.4	10.5	9.2	143.7	6.31	100.5	
643290	101	98	7.1	4.6	2.5	11.2	9.3	142.4	5.97	97.6	
643292	97	107	6.8	4.5	2.3	11.6	9.1	144.1	5.88	97.6	
643308	94	109	6.5	4.2	2.3	10.6	8.6	143.0	6.15	99.2	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	SPEC
Male, Group: V - 100 mg/kg - Day 44											
643175	NT-HEMOL	104	NT-HEMOL	NT-HEMOL	NT-HEMOL	10.7	NT-HEMOL	142.4	RNV	97.6	
643224	35	110	6.1	4.1	2.0	9.9	9.0	145.0	6.47	104.8	
643243	NT-HEMOL	123	NT-HEMOL	NT-HEMOL	NT-HEMOL	11.2	NT-HEMOL	144.3	RNV	99.3	
643247	122	112	6.6	3.2	3.4	11.1	10.4	144.9	5.65	99.3	
643250	28	88	6.5	4.4	2.1	10.4	8.8	144.5	5.92	98.8	
643257	65	109	7.2	4.6	2.6	11.5	9.5	145.0	6.19	96.8	
643275	52	126	6.8	4.5	2.3	11.1	10.9	144.2	6.95	99.5	
643311	86	103	6.8	4.3	2.5	10.7	9.5	145.6	6.52	102.0	
643314	85	103	6.7	4.4	2.3	10.9	9.0	144.2	6.14	98.9	
643318	130	106	7.0	4.6	2.4	10.9	9.0	143.6	6.11	98.4	
Male, Group: VII - 250 mg/kg - Day 44											
643174	152	147	7.8	5.1	2.7	11.6	10.3	144.5	6.09	98.3	
643193	39	103	7.6	5.2	2.4	11.1	9.2	145.7	5.43	99.8	
643194	42	95	7.5	5.2	2.3	11.4	9.5	143.8	5.78	96.1	
643201	NT-HEMOL	107	NT-HEMOL	NT-HEMOL	NT-HEMOL	11.1	NT-HEMOL	144.9	RNV	100.4	
643215	57	101	6.8	4.7	2.1	10.7	8.3	143.1	6.06	100.1	
643252	16	116	6.9	4.8	2.1	11.2	10.2	141.6	6.89	97.6	
643259	35	107	7.4	5.1	2.3	11.0	8.4	143.8	6.26	100.2	
643260	55	106	7.1	4.9	2.2	11.1	9.2	143.7	6.08	101.5	
643298	47	106	7.6	5.2	2.4	11.4	8.5	145.1	5.90	99.5	
643315	37	133	6.7	4.5	2.2	11.4	11.0	143.2	5.30	99.9	

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: I - 0 mg/kg - Day 91											
643143	NONE	NONE	NONE	87	33	20.5	81	<0.10	16	0.43	45
643150	NONE	NONE	NONE	99	37	32.2	131	<0.10	15	0.39	64
643185	NONE	NONE	NONE	110	55	35.5	91	<0.10	13	0.42	74
643189	NONE	NONE	NONE	74	28	30.6	103	<0.10	14	0.42	73
643204	NONE	NONE	NONE	86	34	26.4	66	<0.10	14	0.50	72
643205	NONE	NONE	NONE	166	44	35.8	84	<0.10	13	0.37	99
643235	NONE	NONE	NONE	80	30	28.4	116	<0.10	19	0.45	146
643241	NONE	NONE	NONE	93	35	40.6	116	0.12	15	0.55	70
643288	NONE	NONE	NONE	66	31	22.4	71	<0.10	18	0.35	67
643300	NONE	NONE	NONE	126	36	13.8	111	0.14	17	0.34	74
Male, Group: III - 25 mg/kg - Day 91											
643173	SMALL	NONE	NONE	121	48	32.6	90	0.11	14	0.47	70
643179	TRACE	NONE	NONE	84	42	23.4	95	<0.10	14	0.30	55
643180	NONE	NONE	NONE	62	26	14.1	76	<0.10	14	0.38	67
643228	NONE	NONE	NONE	79	22	21.3	67	<0.10	16	0.27	84
643240	NONE	NONE	NONE	93	40	18.7	93	<0.10	16	0.39	60
643264	NONE	NONE	NONE	74	28	22.5	81	0.10	12	0.42	49
643272	SMALL	NONE	NONE	109	41	33.6	109	<0.10	19	0.55	46
643290	NONE	NONE	NONE	95	38	18.7	138	<0.10	19	0.49	80
643292	NONE	NONE	NONE	73	38	21.2	104	<0.10	14	0.35	76
643308	NONE	NONE	NONE	82	40	27.2	98	<0.10	14	0.36	63

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: V - 100 mg/kg - Day 91											
643175	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643224	NONE	NONE	NONE	64	29	16.5	161	<0.10	15	0.35	37
643243	TRACE	NONE	NONE	71	37	28.8	174	<0.10	17	0.40	71
643247	SMALL	NONE	NONE	80	30	18.8	125	<0.10	15	0.31	37
643250	SMALL	NONE	NONE	104	32	13.9	112	<0.10	16	0.40	23
643257	NONE	NONE	NONE	103	44	26.7	129	<0.10	18	0.49	67
643275	SMALL	NONE	NONE	76	30	26.6	136	<0.10	13	0.37	39
643311	SMALL	NONE	NONE	79	37	29.8	154	<0.10	17	0.43	49
643314	NONE	NONE	NONE	63	26	21.9	135	<0.10	15	0.38	54
643318	NONE	NONE	NONE	77	31	27.2	126	<0.10	14	0.42	55
Male, Group: VII - 250 mg/kg - Day 91											
643174	NONE	NONE	NONE	97	26	16.3	201	<0.10	13	0.42	82
643193	NONE	NONE	NONE	85	32	24.1	183	<0.10	15	0.49	44
643194	NONE	NONE	NONE	174	92	28.1	174	<0.10	17	0.44	33
643201	NONE	NONE	NONE	98	23	13.7	162	<0.10	17	0.41	54
643215	SMALL	NONE	NONE	81	31	25.0	230	<0.10	17	0.38	58
643252	NONE	NONE	NONE	85	48	39.2	166	<0.10	15	0.47	34
643259	NONE	NONE	NONE	110	71	41.9	243	<0.10	15	0.58	34
643260	NONE	NONE	NONE	81	44	28.3	192	<0.10	16	0.41	46
643298	NONE	NONE	NONE	71	33	19.7	176	<0.10	14	0.37	38
643315	NONE	NONE	NONE	73	30	21.6	135	<0.10	15	0.50	42

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Male, Group: I - 0 mg/kg - Day 91											
643143	67	131	6.5	3.9	2.6	10.5	8.6	145.2	6.36	100.7	NONE
643150	99	80	6.1	4.0	2.1	10.1	8.1	147.7	6.89	101.9	NONE
643185	84	196	6.8	4.2	2.6	11.7	12.0	150.8	7.35	103.6	NONE
643189	200	110	6.8	4.4	2.4	10.7	7.4	146.1	5.54	100.1	NONE
643204	121	179	6.9	4.4	2.5	11.8	12.9	149.3	6.52	103.2	NONE
643205	52	90	6.7	4.0	2.7	10.5	7.8	147.2	6.10	98.9	NONE
643235	160	106	7.4	4.5	2.9	11.2	7.5	147.1	6.01	99.4	NONE
643241	145	151	7.6	4.7	2.9	12.0	11.7	149.3	6.88	100.3	NONE
643288	191	109	7.0	4.3	2.7	10.9	6.9	146.5	5.43	98.9	NONE
643300	153	102	6.8	4.3	2.5	10.2	8.6	143.0	6.25	100.0	NONE
Male, Group: III - 25 mg/kg - Day 91											
643173	91	96	7.3	4.7	2.6	10.7	7.4	146.2	6.25	97.5	NONE
643179	97	87	6.2	4.2	2.0	9.9	7.9	147.0	6.08	102.6	NONE
643180	107	93	6.7	4.0	2.7	10.6	8.6	144.1	6.54	99.4	NONE
643228	161	105	6.6	4.3	2.3	10.5	7.9	144.7	5.85	99.3	NONE
643240	58	74	6.7	4.4	2.3	10.2	8.0	145.2	5.66	101.9	NONE
643264	127	104	6.8	4.4	2.4	10.8	7.8	147.3	5.38	99.2	NONE
643272	39	123	7.1	4.5	2.6	11.2	12.4	148.5	6.64	102.2	NONE
643290	76	117	7.2	4.6	2.6	10.8	10.0	145.1	6.07	100.3	NONE
643292	74	108	6.7	4.4	2.3	10.7	8.5	144.9	6.49	100.5	NONE
643308	149	109	6.7	4.4	2.3	10.8	8.2	145.8	5.69	97.6	NONE

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Male, Group: V - 100 mg/kg - Day 91											
643175	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NSR
643224	38	103	6.8	4.7	2.1	10.2	7.7	147.5	5.79	101.8	NONE
643243	73	102	7.6	4.8	2.8	10.9	8.6	147.4	6.13	99.7	NONE
643247	36	87	6.7	4.3	2.4	9.9	8.8	143.9	6.25	100.3	NONE
643250	23	80	6.5	4.4	2.1	9.9	8.3	144.5	6.24	101.3	NONE
643257	73	132	7.5	4.8	2.7	11.3	9.7	146.4	6.09	101.0	NONE
643275	24	113	7.2	4.8	2.4	10.3	9.6	148.0	6.85	102.1	NONE
643311	27	164	7.4	4.8	2.6	11.3	10.8	145.3	6.89	100.6	NONE
643314	63	96	7.4	5.1	2.3	10.5	8.1	146.8	6.04	98.1	NONE
643318	81	133	6.8	4.7	2.1	10.6	8.9	144.8	5.86	99.5	NONE
Male, Group: VII - 250 mg/kg - Day 91											
643174	98	116	8.1	5.6	2.5	11.1	8.7	144.9	6.16	100.3	NONE
643193	37	89	7.8	5.5	2.3	10.7	8.2	146.2	5.73	97.3	NONE
643194	20	143	7.4	5.1	2.3	10.4	9.4	140.6	6.80	98.6	NONE
643201	75	93	7.7	5.4	2.3	10.9	7.9	145.5	6.66	99.0	NONE
643215	39	95	7.5	5.3	2.2	10.5	8.0	145.0	6.50	98.1	NONE
643252	10	138	7.6	5.3	2.3	11.5	10.6	145.0	7.13	98.2	TRACE
643259	34	162	8.3	6.0	2.3	11.9	12.2	148.2	6.19	101.9	NONE
643260	19	149	7.3	5.1	2.2	11.0	9.8	144.1	6.32	99.0	NONE
643298	36	90	7.8	5.3	2.5	11.0	7.9	146.6	5.27	99.2	NONE
643315	22	83	7.0	4.9	2.1	10.3	8.0	145.7	5.75	97.8	NONE

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU µg/mL	SPEC
Male, Group: I - 0 mg/kg - Day 91				
643143	NONE	NONE	0.2	
643150	NONE	NONE	0.1	
643185	NONE	NONE	0.1	
643189	NONE	NONE	0.1	
643204	NONE	NONE	0.1	
643205	NONE	NONE	0.1	
643235	NONE	NONE	0.1	
643241	NONE	NONE	0.1	
643288	NONE	NONE	0.1	
643300	NONE	NONE	0.1	
Male, Group: III - 25 mg/kg - Day 91				
643173	NONE	NONE	0.2	
643179	NONE	NONE	0.3	
643180	NONE	NONE	0.2	
643228	NONE	NONE	0.2	
643240	NONE	NONE	0.2	
643264	NONE	NONE	0.2	
643272	NONE	NONE	0.2	
643290	NONE	NONE	0.2	
643292	NONE	NONE	0.2	
643308	NONE	NONE	0.2	

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU µg/mL	SPEC
Male, Group: V - 100 mg/kg - Day 91				
643175	NT	NT	NSR	
643224	NONE	NONE	0.3	
643243	NONE	NONE	0.4	
643247	NONE	NONE	0.6	
643250	NONE	NONE	0.4	
643257	NONE	NONE	0.5	
643275	NONE	NONE	0.3	
643311	NONE	NONE	0.3	
643314	NONE	NONE	0.6	
643318	NONE	NONE	0.4	
Male, Group: VII - 250 mg/kg - Day 91				
643174	NONE	NONE	0.7	
643193	NONE	NONE	0.6	
643194	NONE	NONE	0.7	
643201	NONE	NONE	0.6	
643215	NONE	NONE	0.9	
643252	NONE	NONE	0.5	
643259	NONE	NONE	0.6	
643260	NONE	NONE	0.6	
643298	NONE	NONE	0.7	
643315	NONE	NONE	0.7	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: I - 0 mg/kg - Day 125											
643162	NONE	NONE	NONE	84	43	11.4	108	<0.10	15	0.30	56
643172	NONE	NONE	NONE	68	28	16.8	71	<0.10	15	0.37	76
643195	NONE	NONE	NONE	78	39	21.5	85	<0.10	13	0.40	70
643226	TRACE	NONE	NONE	93	40	25.3	48	0.11	16	0.46	55
643237	NONE	NONE	NONE	71	22	20.1	73	<0.10	15	0.51	76
643246	NONE	NONE	NONE	77	29	33.7	68	0.10	17	0.36	91
643253	TRACE	NONE	NONE	78	30	17.0	96	<0.10	17	0.43	75
643262	TRACE	NONE	NONE	71	31	17.1	85	<0.10	14	0.39	88
643303	NONE	NONE	NONE	81	38	25.1	101	<0.10	16	0.40	73
643304	NONE	NONE	NONE	77	27	27.3	72	<0.10	13	0.34	89
Male, Group: VII - 250 mg/kg - Day 125											
643151	NONE	NONE	NONE	62	27	12.0	92	<0.10	19	0.42	58
643165	NONE	NONE	NONE	91	74	17.7	96	<0.10	19	0.35	63
643220	TRACE	NONE	NONE	77	33	15.5	75	<0.10	19	0.41	50
643225	SMALL	NONE	NONE	93	34	9.9	59	<0.10	20	0.41	71
643234	NONE	NONE	NONE	70	36	10.5	60	<0.10	14	0.36	44
643236	NONE	NONE	NONE	76	31	13.5	71	<0.10	18	0.41	72
643258	NONE	NONE	NONE	67	33	16.8	95	<0.10	19	0.42	58
643266	NONE	NONE	NONE	84	29	9.3	75	<0.10	17	0.32	52
643296	NONE	NONE	NONE	88	26	15.9	62	<0.10	18	0.52	44
643316	NONE	NONE	NONE	78	41	18.5	81	<0.10	16	0.34	50

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Male, Group: I - 0 mg/kg - Day 125											
643162	41	92	6.9	4.2	2.7	10.4	7.4	146.2	5.70	104.7	NONE
643172	122	118	7.4	4.4	3.0	10.4	6.8	146.4	6.00	102.8	TRACE
643195	124	103	6.6	4.4	2.2	10.2	6.7	146.5	6.22	103.6	NONE
643226	56	201	6.7	4.1	2.6	10.8	8.5	146.2	5.59	103.6	NONE
643237	64	113	6.5	4.2	2.3	10.7	7.9	146.6	7.07	103.4	NONE
643246	167	111	6.9	4.3	2.6	10.6	9.1	148.1	7.07	103.8	NONE
643253	91	102	7.3	4.4	2.9	10.7	7.8	146.3	6.71	101.6	NONE
643262	102	104	6.8	4.3	2.5	10.4	7.8	145.3	7.35	103.5	NT
643303	98	180	7.5	4.6	2.9	11.2	11.6	146.9	6.60	104.5	TRACE
643304	81	146	7.0	4.8	2.2	10.9	7.0	145.3	5.81	102.7	NONE
Male, Group: VII - 250 mg/kg - Day 125											
643151	28	88	6.6	4.5	2.1	9.9	7.6	146.9	5.67	102.1	NONE
643165	66	99	6.5	4.4	2.1	9.9	7.7	147.3	5.75	104.7	TRACE
643220	29	97	6.4	4.1	2.3	10.0	7.5	149.7	5.90	105.4	NONE
643225	58	102	7.0	4.5	2.5	10.1	7.6	145.5	6.78	102.3	NONE
643234	45	95	6.6	4.1	2.5	10.3	7.5	146.5	5.71	102.5	TRACE
643236	57	106	7.2	4.3	2.9	10.4	7.4	146.4	6.18	103.0	NT
643258	32	101	7.0	4.6	2.4	10.3	7.2	146.1	5.84	101.2	NONE
643266	43	119	6.4	3.9	2.5	9.9	8.3	143.7	5.98	105.2	NONE
643296	39	146	6.7	4.3	2.4	10.8	10.0	146.8	6.76	102.2	NONE
643316	154	107	7.0	4.7	2.3	10.2	7.4	146.9	5.96	105.2	NONE

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU µg/mL	SPEC
Male, Group: I - 0 mg/kg - Day 125				
643162	NONE	NONE	0.1	
643172	TRACE	NONE	0.1	
643195	NONE	NONE	0.1	
643226	NONE	NONE	0.1	
643237	NONE	NONE	0.1	
643246	NONE	NONE	0.1	
643253	NONE	NONE	0.1	
643262	NT	NT	0.1	
643303	NONE	NONE	0.1	
643304	TRACE	NONE	0.1	
Male, Group: VII - 250 mg/kg - Day 125				
643151	TRACE	NONE	0.2	
643165	NONE	NONE	0.2	
643220	NONE	NONE	0.1	
643225	NONE	NONE	0.1	
643234	NONE	NONE	QNS	
643236	NT	NT	0.2	
643258	NONE	NONE	0.1	
643266	NONE	NONE	0.1	
643296	NONE	NONE	0.1	
643316	NONE	NONE	0.1	Accidental spillage of serum

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: II - 0 mg/kg - Day 45											
643354	NONE	NONE	NONE	95	36	13.9	98	0.10	16	0.40	78
643361	NONE	NONE	NONE	69	28	15.2	45	0.14	14	0.36	71
643362	NONE	NONE	NONE	99	44	15.1	80	0.14	16	0.37	101
643374	NONE	NONE	NONE	92	45	26.8	67	0.15	18	0.43	91
643398	NONE	NONE	NONE	84	37	14.7	64	0.12	15	0.36	83
643406	NONE	NONE	NONE	76	39	18.9	56	0.17	17	0.48	74
643436	NONE	NONE	NONE	73	33	14.4	37	<0.10	15	0.40	83
643463	NONE	NONE	NONE	73	33	21.1	60	0.13	15	0.41	102
643477	NONE	NONE	NONE	101	46	28.1	67	0.13	20	0.42	74
643486	NONE	NONE	NONE	107	33	13.6	81	0.17	17	0.40	71
Female, Group: IV - 25 mg/kg - Day 45											
643321	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643324	NONE	NONE	NONE	60	22	12.8	86	0.15	13	0.35	91
643364	NONE	NONE	NONE	73	42	13.5	52	<0.10	19	0.35	84
643380	TRACE	NONE	NONE	73	31	19.3	61	0.11	13	0.34	73
643389	NONE	NONE	NONE	106	23	20.9	108	<0.10	16	0.34	82
643390	NONE	NONE	NONE	73	35	27.4	98	0.13	14	0.34	98
643396	NONE	NONE	NONE	59	32	20.5	56	0.13	14	0.41	102
643410	NONE	NONE	NONE	93	27	19.6	46	<0.10	16	0.35	64
643433	NONE	NONE	NONE	65	37	17.3	54	0.15	15	0.35	128
643458	SMALL	NONE	NONE	82	34	13.7	74	0.15	17	0.30	82

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: VI - 100 mg/kg - Day 45											
643322	TRACE	NONE	NONE	91	29	14.0	81	0.13	16	0.39	82
643323	TRACE	NONE	NONE	66	31	10.5	93	0.15	15	0.31	94
643366	SMALL	NONE	NONE	72	28	13.7	67	0.13	12	0.28	74
643367	NONE	NONE	NONE	60	30	15.1	58	0.10	16	0.41	81
643392	NONE	NONE	NONE	77	37	16.3	95	<0.10	19	0.33	63
643409	TRACE	NONE	NONE	105	28	21.9	114	0.12	19	0.42	70
643461	TRACE	NONE	NONE	66	24	13.9	61	0.10	13	0.34	107
643462	TRACE	NONE	NONE	58	29	15.5	80	0.17	17	0.34	85
643472	TRACE	NONE	NONE	102	40	20.4	102	<0.10	14	0.32	77
643489	NONE	NONE	NONE	73	37	21.6	78	<0.10	16	0.33	89
Female, Group: VIII - 250 mg/kg - Day 45											
643332	NONE	NONE	NONE	64	29	14.0	87	<0.10	15	0.43	72
643340	TRACE	NONE	NONE	66	26	13.0	73	0.10	15	0.26	68
643341	TRACE	NONE	NONE	69	48	19.9	73	<0.10	15	0.31	108
643359	TRACE	NONE	NONE	52	22	9.4	87	0.12	16	0.36	87
643370	TRACE	NONE	NONE	70	35	19.1	75	<0.10	19	0.36	89
643404	TRACE	NONE	NONE	81	29	16.4	71	0.12	16	0.35	88
643408	NONE	NONE	NONE	63	27	14.7	102	<0.10	17	0.37	102
643435	NONE	NONE	NONE	78	27	15.1	61	0.14	13	0.31	100
643446	TRACE	NONE	NONE	75	23	25.1	118	0.13	14	0.51	91
643466	NONE	NONE	NONE	72	22	11.2	61	<0.10	17	0.39	117

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	SPEC
Female, Group: II - 0 mg/kg - Day 45											
643354	41	104	7.1	4.5	2.6	10.5	6.8	142.8	5.59	101.5	
643361	82	98	7.1	4.9	2.2	11.1	7.7	143.0	5.71	100.2	
643362	42	101	6.9	4.5	2.4	10.7	6.8	141.3	5.60	100.8	
643374	43	92	7.1	5.0	2.1	11.4	7.4	145.5	6.11	100.6	
643398	78	97	6.6	4.7	1.9	10.7	8.0	142.2	5.56	101.6	
643406	63	84	7.4	5.1	2.3	11.0	7.4	142.1	5.75	100.6	
643436	95	94	7.8	5.5	2.3	11.0	7.4	142.1	5.55	100.4	
643463	107	117	8.3	5.9	2.4	11.8	8.8	146.1	5.53	99.0	
643477	41	98	7.7	5.5	2.2	11.1	8.0	148.5	5.87	102.2	
643486	35	87	6.6	4.5	2.1	10.6	6.6	141.4	5.37	100.6	
Female, Group: IV - 25 mg/kg - Day 45											
643321	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
643324	43	119	7.6	5.3	2.3	11.2	6.7	145.7	5.29	100.8	
643364	34	95	6.9	4.7	2.2	11.1	7.5	144.0	5.99	101.7	
643380	110	107	7.6	5.1	2.5	11.0	5.8	142.8	5.27	100.1	
643389	124	133	6.7	4.2	2.5	11.3	10.0	148.1	6.52	102.6	
643390	50	98	8.1	5.2	2.9	11.8	8.1	146.0	5.82	99.4	
643396	128	109	7.7	5.4	2.3	12.0	8.6	142.1	5.90	97.2	
643410	70	113	7.4	5.2	2.2	11.0	7.3	140.0	5.58	98.6	
643433	114	115	7.4	5.3	2.1	11.2	7.4	141.8	5.42	99.8	
643458	25	90	7.0	4.7	2.3	10.5	7.1	140.8	5.81	99.1	

H-24516: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	SPEC
Female, Group: VI - 100 mg/kg - Day 45											
643322	23	96	8.2	5.8	2.4	11.4	8.0	143.5	5.91	101.5	
643323	28	99	7.5	5.3	2.2	11.1	7.5	141.6	5.40	100.8	
643366	54	109	7.4	5.3	2.1	11.0	7.5	142.4	6.12	99.6	
643367	84	99	8.2	5.5	2.7	11.9	7.4	142.9	5.91	97.9	
643392	36	96	7.8	5.4	2.4	11.4	8.3	142.8	6.26	98.2	
643409	34	89	7.1	4.9	2.2	10.6	8.6	143.6	5.77	100.7	
643461	53	98	7.7	5.5	2.2	11.3	7.6	139.8	5.95	99.8	
643462	47	94	7.6	5.2	2.4	11.4	7.9	141.9	6.17	98.3	
643472	31	98	7.7	5.4	2.3	11.2	9.0	141.0	5.83	100.3	
643489	53	98	7.6	5.4	2.2	11.1	7.2	145.6	5.45	100.0	
Female, Group: VIII - 250 mg/kg - Day 45											
643332	26	101	8.4	5.9	2.5	11.8	7.9	142.6	5.94	99.6	
643340	45	113	8.1	5.7	2.4	12.0	7.2	142.7	5.88	100.2	
643341	52	95	8.1	5.6	2.5	11.8	8.6	143.4	6.33	97.8	
643359	43	100	8.2	5.9	2.3	12.0	8.7	142.4	6.05	98.5	
643370	58	96	8.9	6.0	2.9	12.2	8.0	144.1	6.57	98.4	
643404	34	112	8.3	5.9	2.4	11.7	7.9	142.8	6.41	100.7	
643408	35	98	7.9	5.4	2.5	11.4	7.7	142.8	6.32	99.7	
643435	65	100	7.5	5.5	2.0	11.2	7.5	142.9	6.32	99.7	
643446	33	101	8.6	6.0	2.6	12.1	7.6	146.7	6.98	100.0	
643466	30	94	7.5	5.3	2.2	11.1	7.1	142.6	6.42	100.4	

H-24516: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	SHEN	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: II - 0 mg/kg - Day 93											
643354	NONE	NONE	NONE	106	37	11.0	60	<0.10	20	0.41	65
643361	NONE	SMALL	NONE	76	39	20.5	38	0.11	18	0.48	78
643362	NONE	NONE	NONE	92	29	9.3	49	0.11	16	0.41	92
643374	NONE	NONE	NONE	160	52	36.9	32	0.22	16	0.46	108
643398	NONE	NONE	NONE	88	28	19.8	52	0.12	15	0.54	66
643406	NONE	NONE	NONE	72	25	18.4	38	0.16	18	0.56	73
643436	NONE	SMALL	NONE	67	26	19.0	29	<0.10	15	0.46	70
643463	NONE	NONE	NONE	76	28	19.0	34	0.15	13	0.52	91
643477	NONE	NONE	NONE	77	35	20.5	47	0.20	17	0.42	74
643486	NONE	NONE	NONE	89	28	14.8	36	0.17	17	0.48	77
Female, Group: IV - 25 mg/kg - Day 93											
643321	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643324	NONE	NONE	NONE	67	26	18.0	52	0.10	13	0.45	88
643364	NONE	NONE	NONE	116	40	8.3	28	<0.10	18	0.41	83
643380	NONE	NONE	NONE	71	28	17.3	36	0.13	14	0.39	73
643389	NONE	NONE	NONE	86	46	16.5	65	<0.10	20	0.40	94
643390	NONE	NONE	NONE	71	32	20.7	47	<0.10	15	0.48	92
643396	NONE	NONE	NONE	60	34	17.8	25	0.13	16	0.44	125
643410	NONE	NONE	NONE	78	29	20.3	27	0.12	17	0.42	60
643433	NONE	NONE	NONE	75	27	13.4	44	0.17	17	0.46	109
643458	NONE	NONE	NONE	85	32	15.1	72	0.13	15	0.52	86

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: VI - 100 mg/kg - Day 93											
643322	NONE	NONE	NONE	99	28	10.2	63	0.14	17	0.60	71
643323	TRACE	NONE	NONE	93	34	20.9	62	<0.10	13	0.51	73
643366	SMALL	NONE	NONE	70	28	13.3	40	0.20	12	0.50	64
643367	NONE	NONE	NONE	91	41	17.5	34	<0.10	15	0.44	85
643392	NONE	NONE	NONE	83	30	23.3	72	<0.10	17	0.53	57
643409	NONE	NONE	NONE	90	31	16.0	58	0.10	21	0.38	73
643461	SMALL	NONE	NONE	100	36	23.3	40	<0.10	13	0.57	93
643462	NONE	NONE	NONE	88	34	18.4	44	0.10	17	0.48	71
643472	NONE	NONE	NONE	100	35	21.3	75	0.11	17	0.64	73
643489	NONE	NONE	NONE	76	36	18.5	64	0.10	14	0.44	101
Female, Group: VIII - 250 mg/kg - Day 93											
643332	NONE	NONE	NONE	126	57	21.7	76	<0.10	16	0.47	68
643340	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643341	NONE	NONE	NONE	97	71	25.1	50	<0.10	15	0.49	101
643359	NONE	NONE	NONE	59	28	12.6	58	0.13	14	0.42	96
643370	NONE	NONE	NONE	98	29	9.7	39	0.14	15	0.59	110
643404	NONE	NONE	NONE	82	39	22.5	37	0.14	15	0.59	92
643408	NONE	NONE	NONE	73	40	17.5	53	<0.10	16	0.47	105
643435	NONE	NONE	NONE	84	26	15.6	42	0.15	16	0.50	104
643446	NONE	NONE	NONE	88	28	15.4	84	0.13	19	0.51	59
643466	NONE	NONE	NONE	77	28	14.6	29	0.12	17	0.44	120

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Female, Group: II - 0 mg/kg - Day 93											
643354	61	84	7.1	4.5	2.6	10.5	6.4	142.8	5.76	102.8	NONE
643361	453	101	7.9	5.4	2.5	11.0	5.6	140.9	4.68	98.4	SMALL
643362	92	92	6.7	4.5	2.2	10.6	6.1	143.2	5.33	100.6	NONE
643374	122	87	8.4	6.1	2.3	11.4	4.9	143.1	5.06	95.9	NONE
643398	63	99	6.9	4.7	2.2	10.4	6.1	146.1	5.29	101.9	NONE
643406	75	76	7.5	5.1	2.4	10.7	5.6	142.8	5.59	97.6	NONE
643436	363	96	7.8	5.4	2.4	10.9	6.3	143.4	5.32	99.0	TRACE
643463	158	100	8.1	5.8	2.3	11.0	4.5	144.4	4.93	97.8	NONE
643477	113	89	7.5	5.6	1.9	10.9	5.3	146.0	5.84	97.6	NONE
643486	95	91	7.4	5.0	2.4	10.5	4.9	144.0	5.14	100.3	TRACE
Female, Group: IV - 25 mg/kg - Day 93											
643321	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NSR
643324	74	101	7.8	5.4	2.4	10.7	5.8	143.6	5.21	97.1	NONE
643364	52	92	7.6	5.2	2.4	10.9	5.8	142.4	5.75	103.8	NONE
643380	166	99	7.9	5.5	2.4	11.0	6.0	141.2	5.18	97.7	NONE
643389	52	91	7.6	4.9	2.7	10.5	6.7	141.2	5.48	98.8	NONE
643390	76	96	8.2	5.6	2.6	11.4	5.7	146.0	5.63	98.7	NONE
643396	151	96	8.7	6.3	2.4	12.0	6.4	143.0	5.15	95.3	NONE
643410	64	105	7.8	5.6	2.2	11.0	5.0	143.8	5.01	100.1	NONE
643433	110	101	7.5	5.2	2.3	10.7	6.5	141.3	5.22	99.2	NONE
643458	42	95	7.4	5.0	2.4	10.5	5.9	143.1	5.02	99.1	NONE

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Female, Group: VI - 100 mg/kg - Day 93											
643322	41	84	8.3	6.0	2.3	11.3	6.4	141.4	5.35	99.1	NONE
643323	29	129	8.4	6.0	2.4	12.0	9.5	147.0	5.54	103.6	NONE
643366	74	108	8.1	6.0	2.1	11.4	5.4	143.7	5.74	99.3	NONE
643367	100	87	8.3	5.8	2.5	11.2	5.2	142.0	5.16	96.4	NONE
643392	32	98	8.7	6.1	2.6	11.4	6.8	145.5	6.17	99.4	NONE
643409	37	93	7.5	5.4	2.1	10.6	5.8	142.2	5.06	97.7	NONE
643461	40	128	8.5	5.9	2.6	11.6	8.4	147.6	6.22	101.5	NONE
643462	49	84	8.0	5.9	2.1	11.2	6.8	142.8	5.92	100.0	NONE
643472	44	84	9.1	6.5	2.6	11.4	6.7	145.3	5.61	98.5	NONE
643489	81	101	8.3	5.9	2.4	11.1	6.1	143.3	5.41	97.7	NONE
Female, Group: VIII - 250 mg/kg - Day 93											
643332	56	97	8.8	6.2	2.6	11.6	6.8	144.1	5.86	98.8	NONE
643340	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NSR
643341	61	98	8.7	6.0	2.7	11.4	6.2	142.0	5.86	95.0	NONE
643359	69	92	8.5	6.0	2.5	12.0	7.2	144.4	6.22	97.8	NONE
643370	88	99	9.1	6.1	3.0	11.9	7.7	141.6	5.95	97.4	NONE
643404	27	97	8.9	6.2	2.7	11.7	6.5	145.0	5.87	99.4	NONE
643408	57	90	7.9	5.4	2.5	10.9	6.4	144.1	5.91	99.2	NONE
643435	26	85	8.6	6.3	2.3	11.6	7.3	143.2	6.95	98.3	NONE
643446	28	93	8.3	6.0	2.3	11.3	5.6	141.9	5.53	96.7	NONE
643466	72	91	8.7	6.2	2.5	11.4	5.6	142.3	6.27	98.5	NONE

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU µg/mL	SPEC
Female, Group: II - 0 mg/kg - Day 93				
643354	NONE	NONE	0.1	
643361	NONE	NONE	0.1	
643362	NONE	NONE	0.1	
643374	NONE	NONE	0.1	
643398	NONE	NONE	0.1	
643406	NONE	NONE	0.3	
643436	NONE	NONE	0.1	
643463	NONE	NONE	0.2	
643477	NONE	NONE	0.1	
643486	NONE	NONE	0.1	
Female, Group: IV - 25 mg/kg - Day 93				
643321	NT	NT	NSR	
643324	NONE	NONE	0.2	
643364	NONE	NONE	0.2	
643380	NONE	NONE	0.2	
643389	NONE	NONE	0.4	
643390	NONE	NONE	0.2	
643396	NONE	NONE	0.2	
643410	NONE	NONE	0.2	
643433	NONE	NONE	0.2	
643458	NONE	NONE	0.2	

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU µg/mL	SPEC
Female, Group: VI - 100 mg/kg - Day 93				
643322	NONE	NONE	0.5	
643323	NONE	NONE	0.3	
643366	NONE	NONE	0.4	
643367	NONE	NONE	0.5	
643392	NONE	NONE	0.4	
643409	NONE	NONE	0.2	
643461	NONE	NONE	0.4	
643462	NONE	NONE	0.4	
643472	NONE	NONE	0.4	
643489	NONE	NONE	0.2	
Female, Group: VIII - 250 mg/kg - Day 93				
643332	NONE	NONE	1.1	
643340	NT	NT	NSR	
643341	NONE	NONE	1.0	
643359	NONE	NONE	0.6	
643370	NONE	NONE	1.0	
643404	NONE	TRACE	0.6	
643408	NONE	NONE	0.7	
643435	NONE	NONE	1.0	
643446	NONE	NONE	0.6	
643466	NONE	NONE	0.6	

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: II - 0 mg/kg - Day 125											
643330	NONE	NONE	NONE	90	42	16.9	24	0.16	17	0.58	115
643336	NSR	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643377	NONE	NONE	NONE	132	83	25.8	21	0.14	12	0.48	127
643387	NONE	NONE	NONE	74	26	14.0	31	<0.10	18	0.45	75
643405	NONE	NONE	NONE	223	129	49.6	46	0.12	17	0.56	83
643415	NONE	NONE	NONE	224	126	39.0	18	<0.10	13	0.44	172
643425	TRACE	NONE	NONE	138	72	31.6	58	<0.10	17	0.44	83
643426	NONE	NONE	NONE	80	31	18.7	35	0.14	13	0.49	136
643448	NONE	NONE	NONE	87	46	19.4	33	0.12	21	0.43	55
643453	NONE	NONE	NONE	70	34	17.6	34	0.11	16	0.43	108
Female, Group: VIII - 250 mg/kg - Day 125											
643345	NONE	NONE	NONE	75	31	15.1	28	<0.10	15	0.45	58
643347	NONE	NONE	NONE	72	40	16.9	43	0.11	17	0.50	65
643351	NONE	NONE	NONE	84	25	17.2	41	<0.10	16	0.56	64
643358	NONE	NONE	NONE	95	48	17.4	32	0.10	18	0.49	140
643423	NONE	NONE	NONE	131	42	16.9	72	0.12	17	0.51	85
643441	NONE	TRACE	NONE	81	34	18.1	39	0.11	15	0.44	87
643444	NONE	NONE	NONE	712	264	103.2	36	0.24	16	0.48	224
643456	NONE	NONE	NONE	70	29	14.4	24	<0.10	12	0.41	107
643474	NONE	NONE	NONE	119	48	12.0	40	<0.10	19	0.46	62
643481	NONE	NONE	NONE	82	60	18.4	24	<0.10	18	0.52	92

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Female, Group: II - 0 mg/kg - Day 125											
643330	85	116	8.9	6.0	2.9	11.3	6.3	145.1	5.17	103.1	NONE
643336	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643377	127	92	8.8	6.1	2.7	11.4	4.8	145.8	4.90	100.9	NONE
643387	81	103	8.1	5.5	2.6	10.9	5.2	144.8	5.86	104.3	TRACE
643405	219	155	8.1	5.6	2.5	11.9	7.8	147.5	5.86	103.3	NONE
643415	271	92	8.8	5.8	3.0	11.3	5.0	146.0	4.98	101.7	NONE
643425	58	108	7.5	5.3	2.2	10.3	4.9	146.5	5.59	104.7	NONE
643426	162	99	8.1	5.7	2.4	11.0	5.6	145.7	4.78	101.2	TRACE
643448	71	97	7.5	5.5	2.0	10.5	5.9	145.2	4.91	103.0	TRACE
643453	148	99	8.1	5.5	2.6	11.0	5.9	142.7	5.70	101.1	NONE
Female, Group: VIII - 250 mg/kg - Day 125											
643345	36	99	7.7	5.3	2.4	10.6	6.0	145.3	5.36	102.7	NONE
643347	46	94	8.5	5.6	2.9	10.8	5.3	146.6	5.51	102.2	NONE
643351	71	117	7.4	5.2	2.2	10.9	7.4	144.1	6.10	105.0	NONE
643358	248	100	8.8	6.1	2.7	11.3	7.5	142.4	5.38	100.5	TRACE
643423	37	110	8.2	5.2	3.0	10.9	8.1	143.4	4.76	105.3	NONE
643441	306	135	7.8	5.4	2.4	10.7	5.7	145.0	4.85	105.5	NONE
643444	74	97	8.7	5.6	3.1	11.3	5.8	142.6	5.92	102.0	NONE
643456	56	85	8.1	5.3	2.8	10.5	6.2	142.6	5.28	101.2	NONE
643474	34	99	8.2	5.6	2.6	10.6	6.1	140.8	5.18	104.1	TRACE
643481	114	106	8.5	5.8	2.7	11.4	5.6	145.8	6.11	103.8	NONE

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU µg/mL	SPEC
Female, Group: II - 0 mg/kg - Day 125				
643330	NONE	NONE	0.1	
643336	NT	NT	NT	
643377	NONE	NONE	0.1	
643387	NONE	NONE	0.1	
643405	NONE	NONE	0.1	
643415	TRACE	NONE	0.1	
643425	NONE	NONE	0.1	
643426	NONE	NONE	0.1	
643448	NONE	NONE	0.1	
643453	TRACE	NONE	0.1	
Female, Group: VIII - 250 mg/kg - Day 125				
643345	NONE	NONE	0.1	
643347	NONE	NONE	0.1	
643351	NONE	NONE	0.1	
643358	TRACE	NONE	0.1	
643423	NONE	NONE	0.1	
643441	NONE	NONE	0.1	
643444	NONE	NONE	0.1	
643456	NONE	NONE	0.1	
643474	NONE	NONE	0.1	
643481	NONE	NONE	0.1	

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Male, Group: I - 0 mg/kg - Day 44											
643143	LIGHT	YELLOW	HAZY	10.4	782	1.024	7.0	NEGATIVE	15	NEGATIVE	SMALL
643150	LIGHT	YELLOW	CLEAR	3.9	1373	1.043	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643185	LIGHT	YELLOW	HAZY	6.9	1179	1.036	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643189	LIGHT	YELLOW	HAZY	8.6	1363	1.042	7.5	NEGATIVE	15	NEGATIVE	NEGATIVE
643204	LIGHT	YELLOW	CLOUDY	10.8	1083	1.031	7.5	NEGATIVE	5	NEGATIVE	TRACE
643205	MEDIUM	YELLOW	CLOUDY	3.6	1631	1.052	6.5	NEGATIVE	5	SMALL	SMALL
643235	LIGHT	YELLOW	CLOUDY	12.4	967	1.029	8.0	NEGATIVE	NEGATIVE	NEGATIVE	SMALL
643241	LIGHT	YELLOW	HAZY	21.4	526	1.017	8.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643288	LIGHT	YELLOW	HAZY	4.4	1519	1.047	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643300	LIGHT	YELLOW	HAZY	3.2	1404	1.044	7.5	NEGATIVE	15	NEGATIVE	NEGATIVE
Male, Group: III - 25 mg/kg - Day 44											
643173	LIGHT	YELLOW	HAZY	16.8	547	1.018	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643179	LIGHT	YELLOW	CLOUDY	4.6	1724	1.053	6.5	NEGATIVE	15	SMALL	MODERATE
643180	LIGHT	YELLOW	HAZY	19.0	684	1.021	8.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643228	LIGHT	YELLOW	HAZY	7.0	1003	1.033	6.5	NEGATIVE	5	NEGATIVE	LARGE
643240	LIGHT	YELLOW	CLEAR	4.6	1625	1.049	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643264	LIGHT	YELLOW	HAZY	14.2	618	1.020	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643272	LIGHT	YELLOW	CLEAR	5.8	1689	1.051	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643290	MEDIUM	YELLOW	CLOUDY	11.0	844	1.027	7.5	NEGATIVE	5	NEGATIVE	MODERATE
643292	LIGHT	YELLOW	CLOUDY	5.6	659	1.021	8.5	NEGATIVE	15	NEGATIVE	MODERATE
643308	LIGHT	YELLOW	CLOUDY	11.0	799	1.026	7.5	NEGATIVE	5	NEGATIVE	MODERATE

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Male, Group: V - 100 mg/kg - Day 44											
643175	LIGHT	YELLOW	HAZY	17.8	611	1.020	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643224	LIGHT	YELLOW	HAZY	3.3	1924	1.058	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643243	MEDIUM	YELLOW	HAZY	3.3	QNS	1.075	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643247	MEDIUM	YELLOW	HAZY	4.0	2334	1.068	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643250	MEDIUM	YELLOW	HAZY	3.9	1663	1.051	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643257	LIGHT	YELLOW	CLEAR	4.8	1394	1.044	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643275	LIGHT	YELLOW	CLOUDY	13.4	820	1.025	8.5	NEGATIVE	15	NEGATIVE	NEGATIVE
643311	MEDIUM	YELLOW	HAZY	6.0	1352	1.043	7.0	NEGATIVE	15	NEGATIVE	TRACE
643314	LIGHT	YELLOW	CLOUDY	16.2	591	1.019	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643318	LIGHT	YELLOW	HAZY	7.4	1305	1.042	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
Male, Group: VII - 250 mg/kg - Day 44											
643174	LIGHT	YELLOW	CLOUDY	5.5	1219	1.039	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643193	MEDIUM	YELLOW	HAZY	3.2	2502	1.068	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643194	LIGHT	YELLOW	HAZY	9.6	848	1.026	8.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643201	LIGHT	YELLOW	CLEAR	5.6	1609	1.050	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643215	LIGHT	YELLOW	HAZY	23.5	419	1.014	8.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643252	LIGHT	YELLOW	CLEAR	7.8	838	1.027	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643259	LIGHT	YELLOW	HAZY	25.0	505	1.016	8.5	NEGATIVE	5	NEGATIVE	SMALL
643260	LIGHT	YELLOW	HAZY	11.8	743	1.024	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643298	LIGHT	YELLOW	CLEAR	59.0	217	1.007	8.0	NEGATIVE	NEGATIVE	NEGATIVE	MODERATE
643315	LIGHT	YELLOW	CLEAR	20.4	475	1.016	7.0	NEGATIVE	5	NEGATIVE	MODERATE

Individual Urinalysis Values

Animal Number	URO EU/dL	UMTP mg/dL	SPEC
Male, Group: I - 0 mg/kg - Day 44			
643143	0.2	45	
643150	0.2	84	
643185	0.2	75	
643189	0.2	149	
643204	0.2	51	
643205	0.2	119	
643235	0.2	78	FECAL CONTAMINATION OBSERVED
643241	0.2	20	FECAL CONTAMINATION OBSERVED
643288	0.2	57	
643300	0.2	93	
Male, Group: III - 25 mg/kg - Day 44			
643173	0.2	19	
643179	1.0	175	
643180	0.2	24	FECAL CONTAMINATION OBSERVED
643228	0.2	50	
643240	0.2	61	
643264	0.2	21	
643272	0.2	104	FECAL CONTAMINATION OBSERVED
643290	0.2	50	FECAL CONTAMINATION OBSERVED
643292	0.2	58	FECAL CONTAMINATION OBSERVED
643308	0.2	63	FECAL CONTAMINATION OBSERVED

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Urinalysis Values

Animal Number	URO EU/dL	UMTP mg/dL	SPEC
Male, Group: V - 100 mg/kg - Day 44			
643175	0.2	24	
643224	0.2	163	
643243	0.2	144	
643247	0.2	152	
643250	0.2	142	
643257	0.2	151	
643275	0.2	47	
643311	0.2	81	
643314	0.2	59	
643318	0.2	63	
Male, Group: VII - 250 mg/kg - Day 44			
643174	0.2	81	
643193	0.2	198	
643194	0.2	51	
643201	0.2	133	
643215	0.2	16	
643252	0.2	45	
643259	0.2	22	
643260	0.2	73	
643298	0.2	10	
643315	0.2	26	

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	PH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Male, Group: I - 0 mg/kg - Day 91											
643143	MEDIUM	YELLOW	CLOUDY	3.5	2200	1.064	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643150	MEDIUM	YELLOW	CLEAR	1.4	UTD	1.076	6.5	NEGATIVE	NEGATIVE	SMALL	NEGATIVE
643185	MEDIUM	YELLOW	CLEAR	9.0	1440	1.044	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643189	MEDIUM	YELLOW	HAZY	10.0	1289	1.040	7.5	NEGATIVE	15	NEGATIVE	NEGATIVE
643204	LIGHT	YELLOW	HAZY	6.4	1077	1.035	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643205	MEDIUM	YELLOW	CLEAR	5.4	1367	1.045	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643235	MEDIUM	YELLOW	HAZY	12.0	1322	1.044	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643241	LIGHT	YELLOW	CLOUDY	19.0	614	1.022	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643288	MEDIUM	YELLOW	CLEAR	1.8	UTD	>1.083	6.5	NEGATIVE	5	SMALL	NEGATIVE
643300	MEDIUM	YELLOW	CLEAR	2.2	UTD	1.065	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
Male, Group: III - 25 mg/kg - Day 91											
643173	MEDIUM	YELLOW	HAZY	RNV	1134	1.035	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643179	MEDIUM	YELLOW	HAZY	12.0	744	1.028	6.0	NEGATIVE	5	NEGATIVE	LARGE
643180	LIGHT	YELLOW	CLEAR	8.3	851	1.026	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643228	MEDIUM	BROWN	CLOUDY	4.2	1924	1.059	6.5	NEGATIVE	15	MODERATE	LARGE
643240	MEDIUM	YELLOW	CLEAR	5.7	1366	1.041	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643254	LIGHT	YELLOW	HAZY	26.0	560	1.020	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643272	MEDIUM	YELLOW	CLOUDY	13.0	784	1.024	6.5	NEGATIVE	NEGATIVE	NEGATIVE	SMALL
643290	MEDIUM	YELLOW	HAZY	6.6	1154	1.036	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643292	MEDIUM	YELLOW	HAZY	10.0	1119	1.033	8.5	NEGATIVE	15	NEGATIVE	NEGATIVE
643308	MEDIUM	YELLOW	CLOUDY	4.5	1947	1.058	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Male, Group: V - 100 mg/kg - Day 91											
643175	NT	NT	NT	NSR	NT	NT	NT	NT	NT	NT	NT
643224	MEDIUM	YELLOW	HAZY	4.2	1666	1.049	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643243	MEDIUM	YELLOW	HAZY	5.4	1948	1.058	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643247	LIGHT	YELLOW	HAZY	23.0	642	1.021	6.0	NEGATIVE	NEGATIVE	NEGATIVE	TRACE
643250	MEDIUM	YELLOW	CLOUDY	3.3	2020	1.061	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643257	MEDIUM	YELLOW	CLEAR	6.7	1414	1.043	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643275	MEDIUM	YELLOW	CLOUDY	7.7	1167	1.036	7.5	NEGATIVE	5	NEGATIVE	SMALL
643311	LIGHT	YELLOW	CLEAR	7.5	1088	1.035	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643314	LIGHT	YELLOW	CLEAR	28.0	376	1.014	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643318	MEDIUM	YELLOW	HAZY	4.0	1510	1.047	8.5	NEGATIVE	15	SMALL	NEGATIVE
Male, Group: VII - 250 mg/kg - Day 91											
643174	LIGHT	YELLOW	HAZY	18.0	535	1.020	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643193	MEDIUM	YELLOW	CLEAR	8.6	1181	1.037	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643194	MEDIUM	YELLOW	CLOUDY	12.0	892	1.031	6.0	NEGATIVE	NEGATIVE	NEGATIVE	TRACE
643201	MEDIUM	YELLOW	CLEAR	8.0	1221	1.039	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643215	MEDIUM	YELLOW	CLEAR	14.0	717	1.024	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643252	MEDIUM	YELLOW	CLEAR	12.0	909	1.029	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643259	LIGHT	YELLOW	CLOUDY	27.0	540	1.019	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643260	LIGHT	YELLOW	HAZY	18.0	452	1.015	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643298	LIGHT	YELLOW	CLOUDY	27.0	443	1.017	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643315	MEDIUM	YELLOW	CLEAR	9.2	1037	1.034	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE

Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Male, Group: I - 0 mg/kg - Day 91				
643143	0.2	15.9	147	
643150	0.2	QNS	149	
643185	0.2	28.7	74	
643189	0.2	22.6	102	
643204	0.2	15.1	76	
643205	0.2	16.0	86	
643235	0.2	25.1	74	
643241	0.2	18.0	25	
643288	0.2	QNS	177	
643300	0.2	QNS	276	
Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME				
Male, Group: III - 25 mg/kg - Day 91				
643173	0.2	QNS	51	
643179	0.2	185.6	34	
643180	0.2	263.3	40	
643228	1.0	197.0	184	
643240	0.2	173.8	49	
643264	0.2	251.4	15	
643272	0.2	197.9	23	
643290	0.2	192.0	113	
643292	0.2	267.7	81	
643308	0.2	188.2	187	
Sample status: PARTIAL VOLUME / ACCIDENTAL SPILLAGE				

Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Male, Group: V - 100 mg/kg - Day 91				
643175	NT	NSR	NT	
643224	0.2	379.3	95	
643243	0.2	761.9	151	
643247	0.2	988.9	23	
643250	0.2	710.4	168	
643257	0.2	839.7	115	
643275	0.2	540.2	64	
643311	0.2	587.6	63	
643314	0.2	676.5	32	
643318	0.2	480.0	104	
Male, Group: VII - 250 mg/kg - Day 91				
643174	0.2	1911.3	24	
643193	0.2	1537.7	56	
643194	0.2	1378.9	63	
643201	0.2	1093.7	71	
643215	0.2	1259.4	27	
643252	0.2	1595.8	30	
643259	0.2	1947.2	17	
643260	0.2	992.5	21	
643298	0.2	1592.1	35	
643315	0.2	1427.1	56	

FECAL CONTAMINATION OBSERVED

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Male, Group: I - 0 mg/kg - Day 125											
643162	LIGHT	YELLOW	CLOUDY	13.4	803	1.026	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643172	LIGHT	YELLOW	CLEAR	8.7	984	1.031	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643195	LIGHT	YELLOW	CLEAR	17.8	501	1.017	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643226	LIGHT	YELLOW	CLEAR	14.2	744	1.025	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643237	MEDIUM	YELLOW	HAZY	10.4	853	1.027	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643246	MEDIUM	YELLOW	HAZY	5.9	1450	1.046	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643253	MEDIUM	YELLOW	HAZY	7.9	1391	1.043	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643262	LIGHT	YELLOW	CLEAR	11.8	1033	1.034	6.5	NEGATIVE	15	NEGATIVE	NEGATIVE
643303	LIGHT	YELLOW	HAZY	6.7	1357	1.043	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643304	LIGHT	YELLOW	CLEAR	23.2	404	1.014	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Male, Group: VII - 250 mg/kg - Day 125											
643151	LIGHT	YELLOW	CLEAR	6.5	1048	1.034	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643165	MEDIUM	YELLOW	CLEAR	3.5	1971	1.059	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643220	MEDIUM	YELLOW	HAZY	4.2	1714	1.051	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643225	MEDIUM	YELLOW	HAZY	2.0	3194	1.082	6.5	NEGATIVE	15	SMALL	NEGATIVE
643234	MEDIUM	YELLOW	HAZY	4.1	2244	1.064	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
643236	LIGHT	YELLOW	HAZY	13.4	723	1.025	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643258	MEDIUM	YELLOW	HAZY	3.2	2743	1.074	6.5	NEGATIVE	15	SMALL	NEGATIVE
643266	LIGHT	YELLOW	HAZY	21.0	642	1.021	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643296	LIGHT	YELLOW	CLEAR	11.2	744	1.025	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643316	MEDIUM	YELLOW	HAZY	3.1	2569	1.073	6.5	NEGATIVE	15	SMALL	NEGATIVE

Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Male, Group: I - 0 mg/kg - Day 125				
643162	0.2	11.9	74	
643172	0.2	10.3	45	
643195	0.2	16.0	41	
643226	0.2	16.9	29	
643237	0.2	12.6	30	
643246	0.2	10.0	116	
643253	0.2	15.7	88	
643262	0.2	18.3	52	
643303	0.2	15.0	176	
643304	0.2	15.7	13	
FECAL CONTAMINATION OBSERVED				
FECAL CONTAMINATION OBSERVED				
Male, Group: VII - 250 mg/kg - Day 125				
643151	0.2	76.9	41	
643165	0.2	55.0	134	
643220	0.2	96.0	86	
643225	0.2	78.1	234	
643234	0.2	103.7	121	
643236	0.2	109.1	57	
643258	0.2	85.7	197	
643266	0.2	131.3	73	
643296	0.2	71.2	44	
643316	0.2	66.6	220	

Individual Urinalysis Values

Animal Number	UFLU µg
Male , Group: I - 0 mg/kg - Day 181	
643145	9.7
643210	9.8
643232	20.7
643265	9.5
643268	10.7
Male , Group: III - 25 mg/kg - Day 181	
643202	21.4
643293	25.0
643305	26.7
643306	18.6
643310	22.4
Male , Group: V - 100 mg/kg - Day 181	
643159	52.2
643169	34.7
643181	41.0
643206	21.9
643286	45.6
Male , Group: VII - 250 mg/kg - Day 181	
643149	64.4
643152	64.2
643178	71.0
643283	79.9
643295	66.0

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Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: II - 0 mg/kg - Day 45											
643354	LIGHT	YELLOW	CLOUDY	9.0	583	1.018	8.5	NEGATIVE	NEGATIVE	NEGATIVE	MODERATE
643361	LIGHT	YELLOW	CLEAR	11.2	705	1.022	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643362	MEDIUM	YELLOW	HAZY	1.3	3203	1.068	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643374	LIGHT	YELLOW	CLOUDY	5.4	779	1.023	7.0	NEGATIVE	NEGATIVE	NEGATIVE	TRACE
643398	NT	NT	NT	QNS	NT	NT	NT	NT	NT	NT	NT
643406	LIGHT	YELLOW	HAZY	12.0	578	1.017	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643436	LIGHT	YELLOW	CLOUDY	6.2	681	1.022	8.0	NEGATIVE	NEGATIVE	NEGATIVE	TRACE
643463	LIGHT	YELLOW	CLOUDY	2.8	2172	1.062	7.0	NEGATIVE	NEGATIVE	SMALL	TRACE
643477	LIGHT	YELLOW	HAZY	1.0	QNS	>1.083	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643486	LIGHT	YELLOW	CLEAR	2.9	1468	1.044	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Female, Group: IV - 25 mg/kg - Day 45											
643321	NT	NT	NT	NSR	NT	NT	NT	NT	NT	NT	NT
643324	LIGHT	YELLOW	HAZY	10.0	782	1.024	7.0	NEGATIVE	NEGATIVE	NEGATIVE	SMALL
643364	LIGHT	YELLOW	CLEAR	3.2	847	1.026	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643380	LIGHT	YELLOW	HAZY	12.0	802	1.024	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643389	LIGHT	YELLOW	CLEAR	3.6	1461	1.044	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643390	LIGHT	YELLOW	HAZY	5.0	1085	1.034	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643396	LIGHT	YELLOW	HAZY	9.8	650	1.020	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643410	LIGHT	YELLOW	CLEAR	7.5	915	1.028	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643433	LIGHT	YELLOW	HAZY	1.6	2888	1.074	6.5	NEGATIVE	NEGATIVE	SMALL	NEGATIVE
643458	LIGHT	YELLOW	CLEAR	9.2	620	1.019	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: VI - 100 mg/kg - Day 45											
643322	LIGHT	YELLOW	HAZY	12.0	482	1.015	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643323	LIGHT	YELLOW	HAZY	12.4	470	1.015	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643366	LIGHT	YELLOW	HAZY	11.2	633	1.019	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643367	LIGHT	YELLOW	HAZY	8.8	843	1.025	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643392	LIGHT	YELLOW	CLEAR	4.0	1036	1.031	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643409	LIGHT	YELLOW	CLEAR	2.1	1265	1.038	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643461	LIGHT	YELLOW	CLEAR	5.6	907	1.027	8.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643462	LIGHT	YELLOW	HAZY	7.8	840	1.025	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643472	LIGHT	YELLOW	CLEAR	6.2	775	1.024	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643489	LIGHT	YELLOW	HAZY	11.4	608	1.019	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Female, Group: VIII - 250 mg/kg - Day 45											
643332	LIGHT	YELLOW	HAZY	16.0	414	1.013	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643340	LIGHT	YELLOW	HAZY	17.0	471	1.015	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643341	LIGHT	YELLOW	HAZY	20.4	377	1.012	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643359	LIGHT	YELLOW	HAZY	11.2	680	1.021	8.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643370	LIGHT	YELLOW	HAZY	6.4	1011	1.030	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643404	LIGHT	YELLOW	CLEAR	15.6	427	1.014	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643408	LIGHT	YELLOW	CLEAR	12.2	507	1.016	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643435	LIGHT	YELLOW	CLOUDY	8.2	683	1.021	8.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643446	LIGHT	YELLOW	HAZY	7.0	760	1.023	8.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643466	LIGHT	YELLOW	CLEAR	12.2	555	1.017	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

Individual Urinalysis Values

Animal Number	URO EU/dL	UWTP mg/dL	SPEC
Female, Group: II - 0 mg/kg - Day 45			
643354	0.2	24	FECAL CONTAMINATION OBSERVED
643361	0.2	12	
643362	0.2	72	Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME
643374	0.2	12	
643398	NT	QNS	
643406	0.2	12	
643436	0.2	29	FECAL CONTAMINATION OBSERVED
643463	0.2	88	FECAL CONTAMINATION OBSERVED
643477	0.2	94	Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME
643486	0.2	25	
Female, Group: IV - 25 mg/kg - Day 45			
643321	NT	NT	
643324	0.2	14	FECAL CONTAMINATION OBSERVED
643364	0.2	16	
643380	0.2	15	
643389	0.2	30	
643390	0.2	21	
643396	0.2	13	
643410	0.2	16	
643433	0.2	80	
643458	0.2	9	

Individual Urinalysis Values

Animal Number	URO EU/dL	UMTP mg/dL	SPEC
Female, Group: VI - 100 mg/kg - Day 45			
643322	0.2	13	
643323	0.2	12	
643366	0.2	12	FECAL CONTAMINATION OBSERVED
643367	0.2	18	
643392	0.2	20	
643409	0.2	26	
643461	0.2	24	
643462	0.2	22	
643472	0.2	17	
643489	0.2	11	
Female, Group: VIII - 250 mg/kg - Day 45			
643332	0.2	14	
643340	0.2	11	
643341	0.2	9	
643359	0.2	41	
643370	0.2	37	
643404	0.2	11	
643408	0.2	28	
643435	0.2	20	FECAL CONTAMINATION OBSERVED
643446	0.2	26	
643466	0.2	17	

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Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: II - 0 mg/kg - Day 93											
643354	LIGHT	YELLOW	CLOUDY	9.4	771	1.023	7.5	NEGATIVE	NEGATIVE	NEGATIVE	MODERATE
643361	DARK	YELLOW	CLOUDY	4.8	1080	1.034	8.0	NEGATIVE	NEGATIVE	SMALL	MODERATE
643362	MEDIUM	YELLOW	CLEAR	3.0	1684	1.049	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643374	DARK	YELLOW	HAZY	0.6	NT	QNS	6.0	NEGATIVE	NEGATIVE	SMALL	TRACE
643398	NT	NT	NT	QNS	NT	NT	NT	NT	NT	NT	NT
643406	NT	NT	NT	QNS	NT	NT	NT	NT	NT	NT	NT
643436	MEDIUM	YELLOW	HAZY	1.5	UTD	1.071	6.0	NEGATIVE	NEGATIVE	SMALL	NEGATIVE
643463	DARK	YELLOW	HAZY	0.9	UTD	>1.083	6.5	NEGATIVE	TRACE	SMALL	NEGATIVE
643477	DARK	YELLOW	HAZY	1.5	QNS	>1.083	5.5	NEGATIVE	5	SMALL	TRACE
643486	NT	NT	NT	QNS	NT	NT	NT	NT	NT	NT	NT
Female, Group: IV - 25 mg/kg - Day 93											
643321	NT	NT	NT	NSR	NT	NT	NT	NT	NT	NT	NT
643324	LIGHT	YELLOW	HAZY	6.6	1030	1.029	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643364	MEDIUM	YELLOW	HAZY	5.4	1096	1.034	6.0	NEGATIVE	NEGATIVE	NEGATIVE	MODERATE
643380	MEDIUM	YELLOW	HAZY	8.6	760	1.023	7.5	NEGATIVE	NEGATIVE	NEGATIVE	SMALL
643389	MEDIUM	YELLOW	CLEAR	2.2	1722	1.051	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643390	MEDIUM	YELLOW	CLEAR	3.0	1610	1.049	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643396	MEDIUM	YELLOW	CLEAR	4.0	1368	1.043	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643410	NT	NT	NT	QNS	NT	NT	NT	NT	NT	NT	NT
643433	MEDIUM	YELLOW	HAZY	7.5	843	1.026	7.0	NEGATIVE	NEGATIVE	NEGATIVE	SMALL
643458	DARK	YELLOW	CLEAR	1.6	UTD	1.081	6.5	NEGATIVE	5	SMALL	NEGATIVE

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: VI - 100 mg/kg - Day 93											
643322	DARK	YELLOW	CLEAR	1.8	UTD	1.068	6.0	NEGATIVE	NEGATIVE	SMALL	NEGATIVE
643323	MEDIUM	YELLOW	CLEAR	8.3	759	1.025	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643366	LIGHT	YELLOW	HAZY	9.4	579	1.019	6.5	NEGATIVE	NEGATIVE	NEGATIVE	TRACE
643367	MEDIUM	YELLOW	CLEAR	1.5	2411	1.066	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643392	MEDIUM	YELLOW	CLEAR	2.0	1513	1.047	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643409	DARK	YELLOW	CLOUDY	2.5	2065	1.059	6.5	NEGATIVE	NEGATIVE	SMALL	SMALL
643461	DARK	YELLOW	HAZY	2.6	1715	1.054	5.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643462	DARK	YELLOW	CLEAR	3.4	1750	1.053	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643472	MEDIUM	YELLOW	CLEAR	1.7	2013	1.057	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643489	MEDIUM	YELLOW	CLEAR	7.0	1067	1.031	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Female, Group: VIII - 250 mg/kg - Day 93											
643332	LIGHT	YELLOW	HAZY	12.4	539	1.019	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643340	NT	NT	NT	NSR	NT	NT	NT	NT	NT	NT	NT
643341	LIGHT	YELLOW	CLEAR	7.9	815	1.024	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643359	MEDIUM	YELLOW	HAZY	24.0	429	1.015	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643370	LIGHT	YELLOW	CLEAR	23.4	403	1.013	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643404	LIGHT	YELLOW	HAZY	3.5	812	1.026	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643408	MEDIUM	YELLOW	CLEAR	6.3	1033	1.030	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643435	LIGHT	YELLOW	CLEAR	5.3	816	1.026	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643446	MEDIUM	YELLOW	CLEAR	6.5	1216	1.039	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643466	MEDIUM	YELLOW	CLEAR	7.0	812	1.024	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

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Animal Number	Individual Urinalysis Values			
	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Female, Group: II - 0 mg/kg - Day 93				
643354	0.2	14.0	19	FECAL CONTAMINATION OBSERVED
643361	0.2	19.4	61	FECAL CONTAMINATION OBSERVED
643362	0.2	QNS	30	
643374	0.2	QNS	QNS	Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME
643398	NT	QNS	QNS	
643406	NT	QNS	QNS	
643436	0.2	QNS	152	
643463	0.2	QNS	140	Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME
643477	0.2	QNS	99	FECAL CONTAMINATION OBSERVED
643486		QNS	QNS	
Female, Group: IV - 25 mg/kg - Day 93				
643321	NT	NSR	NT	
643324	0.2	100.5	14	
643364	0.2	107.9	26	FECAL CONTAMINATION OBSERVED
643380	0.2	52.2	25	FECAL CONTAMINATION OBSERVED
643389	0.2	QNS	38	
643390	0.2	84.2	41	
643396	0.2	99.7	145	
643410	NT	QNS	QNS	
643433	0.2	150.5	25	FECAL CONTAMINATION OBSERVED
643458	0.2	QNS	75	

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Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Female, Group: VI - 100 mg/kg - Day 93				
643322	0.2	QNS	92	
643323	0.2	513.2	16	
643366	0.2	349.2	13	
643367	0.2	QNS	80	
643392	0.2	QNS	48	
643409	0.2	QNS	90	
643461	0.2	QNS	79	
643462	0.2	363.9	75	
643472	0.2	QNS	52	
643489	0.2	615.0	20	
Female, Group: VIII - 250 mg/kg - Day 93				
643332	0.2	711.2	47	
643340	NT	NSR	NT	
643341	0.2	500.1	21	
643359	0.2	1902.8	57	
643370	0.2	2039.6	50	
643404	0.2	519.8	48	
643408	0.2	679.6	114	
643435	0.2	454.7	29	
643446	0.2	931.7	67	
643466	0.2	493.0	54	

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: II - 0 mg/kg - Day 125											
643330	LIGHT	YELLOW	CLEAR	2.8	1123	1.036	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643336	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
643377	LIGHT	YELLOW	CLEAR	3.5	1073	1.035	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643387	MEDIUM	YELLOW	CLEAR	2.6	1589	1.049	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643405	LIGHT	YELLOW	CLEAR	7.9	894	1.027	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643415	MEDIUM	YELLOW	CLEAR	3.2	1094	1.036	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643425	LIGHT	YELLOW	CLEAR	15.4	389	1.014	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643426	MEDIUM	YELLOW	CLEAR	1.0	QNS	1.076	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643448	MEDIUM	YELLOW	CLEAR	1.2	QNS	1.070	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643453	LIGHT	YELLOW	CLEAR	9.0	668	1.021	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Female, Group: VIII - 250 mg/kg - Day 125											
643345	LIGHT	YELLOW	CLEAR	11.0	495	1.018	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643347	LIGHT	YELLOW	CLEAR	4.8	951	1.029	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643351	LIGHT	YELLOW	CLEAR	4.9	1042	1.033	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643358	NT	NT	NT	QNS	QNS	NT	NT	NT	NT	NT	NT
643423	LIGHT	YELLOW	CLEAR	7.9	594	1.019	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643441	MEDIUM	YELLOW	HAZY	3.3	1704	1.052	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
643444	NT	NT	NT	QNS	QNS	NT	NT	NT	NT	NT	NT
643456	LIGHT	YELLOW	HAZY	9.0	476	1.017	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
643474	MEDIUM	YELLOW	CLEAR	2.8	1617	1.048	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
643481	NT	NT	NT	QNS	QNS	NT	NT	NT	NT	NT	NT

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Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Female, Group: II - 0 mg/kg - Day 125				
643330	0.2	3.6	81	
643336	NT	NT	NT	
643377	0.2	5.6	29	
643387	0.2	5.5	57	
643405	0.2	11.6	26	
643415	0.2	6.4	428	
643425	0.2	18.4	7	
643426	0.2	QNS	185	
643448	0.2	QNS	80	
643453	0.2	8.9	90	
Female, Group: VIII - 250 mg/kg - Day 125				
643345	0.2	30.3	12	
643347	0.2	30.0	100	
643351	0.2	49.7	25	
643358	NT	QNS	QNS	
643423	0.2	40.0	23	
643441	0.2	38.9	49	
643444	NT	QNS	QNS	
643456	0.2	73.6	228	
643474	0.2	44.2	48	
643481	NT	QNS	QNS	

FECAL CONTAMINATION OBSERVED

Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME

Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Urinalysis Values

Animal Number	UFLU µg

Female, Group: II - 0 mg/kg - Day 181

643383	12.7
643384	8.6
643402	6.1
643465	12.3
643484	4.1

Female, Group: IV - 25 mg/kg - Day 181

643379	12.9
643391	11.1
643411	NT
643437	23.8
643483	QNS

Female, Group: VI - 100 mg/kg - Day 181

643360	24.6
643373	23.1
643381	18.2
643382	23.1
643412	11.0

Female, Group: VIII - 250 mg/kg - Day 181

643329	17.2
643356	28.7
643388	QNS
643450	47.7
643487	23.6

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

Animal Number	EPIT	UWBC	URBC	Individual Urine Microscopic Values			
				NCRY	MICR	SPER	SPEC
Male, Group: I - 0 mg/kg - Day 44							
643143	NONE	0	0	FEW	MANY	3	
643150	NONE	0	0	FEW	MODERATE	2	
643185	NONE	0	0	FEW	MODERATE	1	
643189	NONE	0	0	FEW	MODERATE	2	
643204	NONE	1-10	1-10	MODERATE	MANY	0	
643205	FEW	0	0	FEW	MANY	1	
643235	NONE	0	1-10	FEW	MANY	1	
643241	NONE	0	0	FEW	MODERATE	0	
643288	FEW	0	0	FEW	MANY	3	
643300	NONE	0	0	MANY	MANY	0	
Male, Group: III - 25 mg/kg - Day 44							
643173	NONE	0	0	MODERATE	MODERATE	2	
643179	FEW	0	0	FEW	MANY	1	
643180	FEW	0	0	FEW	MANY	2	
643228	NONE	0	>50	NONE	MODERATE	2	
643240	NONE	0	0	FEW	MODERATE	1	
643264	NONE	0	0	FEW	MODERATE	2	
643272	NONE	0	0	FEW	FEW	0	
643290	NONE	0	0	MODERATE	MANY	1	
643292	NONE	0	0	NONE	MANY	1	
643308	NONE	0	0	MODERATE	MANY	1	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Animal Number	Individual Urine Microscopic Values					
	EPIT	UNBC	URBC	NCRY	MICR	SPEC
Male, Group: V - 100 mg/kg - Day 44						
643175	NONE	0	0	NONE	MANY	0
643224	NONE	0	0	FEW	MODERATE	1
643243	FEW	0	0	FEW	FEW	1
643247	NONE	0	1-10	FEW	MODERATE	1
643250	NONE	1-10	0	NONE	FEW	1
643257	NONE	0	0	FEW	FEW	0
643275	FEW	0	0	FEW	MANY	1
643311	NONE	0	0	FEW	MANY	0
643314	NONE	0	0	FEW	MANY	1
643318	NONE	0	0	MODERATE	MODERATE	2
Male, Group: VII - 250 mg/kg - Day 44						
643174	NONE	0	0	FEW	MANY	2
643193	NONE	1-10	0	MODERATE	FEW	2
643194	FEW	0	0	FEW	MODERATE	1
643201	NONE	0	0	FEW	FEW	2
643215	NONE	0	0	MODERATE	MODERATE	2
643252	NONE	0	0	NONE	MODERATE	1
643259	NONE	0	0	FEW	MODERATE	2
643260	FEW	0	0	NONE	MANY	0
643298	NONE	0	0	FEW	MODERATE	1
643315	FEW	0	1-10	FEW	MODERATE	2
						FEW COARSELY GRANULAR CASTS

Individual Urine Microscopic Values

Animal Number	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC
Male, Group: I - 0 mg/kg - Day 91							
643143	FEW	0	0	FEW	FEW	2	Sample status: BELOW RECOMMENDED VOLUME; FEW COARSELY GRANULAR CASTS
643150	NONE	0	0	MODERATE	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
643185	FEW	0	1-10	FEW	MANY	2	1-MUCUS
643189	FEW	0	1-10	FEW	MODERATE	3	
643204	FEW	0	0	FEW	FEW	1	
643205	NONE	0	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
643235	FEW	0	0	FEW	FEW	2	
643241	NONE	0	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
643288	NONE	0	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
643300	FEW	0	0	FEW	FEW	1	
Male, Group: III - 25 mg/kg - Day 91							
643173	NONE	1-10	0	FEW	NONE	2	Sample status: BELOW RECOMMENDED VOLUME
643179	NONE	0	1-10	NONE	MANY	3	
643180	NONE	0	0	NONE	FEW	3	
643228	FEW	0	>50	NONE	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
643240	NONE	0	0	FEW	FEW	1	
643264	NONE	0	0	FEW	MODERATE	3	
643272	NONE	0	0	FEW	MODERATE	1	
643290	NONE	0	0	FEW	MODERATE	2	
643292	NONE	0	0	FEW	MODERATE	2	
643308	NONE	0	0	MODERATE	FEW	3	Sample status: BELOW RECOMMENDED VOLUME

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Urine Microscopic Values

Animal Number	EPIT	WBC	URBC	NCRY	MICR	SPER	SPEC
Male, Group: V - 100 mg/kg - Day 91							
643175	NSR	NT	NT	NT	NT	NT	
643224	FEW	0	1-10	NONE	MANY	2	Sample status: BELOW RECOMMENDED VOLUME
643243	NONE	0	0	FEW	MODERATE	2	
643247	FEW	0	0	FEW	FEW	2	
643250	FEW	0	0	FEW	MODERATE	1	Sample status: BELOW RECOMMENDED VOLUME
643257	FEW	0	1-10	FEW	MANY	3	1-MUCUS
643275	MODERATE	0	0	FEW	MANY	1	
643311	FEW	0	0	FEW	MODERATE	1	
643314	NONE	0	0	FEW	MANY	1	
643318	NONE	0	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
Male, Group: VII - 250 mg/kg - Day 91							
643174	FEW	0	0	NONE	MANY	3	1-MUCUS
643193	FEW	0	0	NONE	MANY	1	
643194	FEW	0	0	FEW	FEW	2	
643201	NONE	0	1-10	FEW	MODERATE	3	
643215	NONE	0	0	FEW	FEW	1	
643252	NONE	0	0	FEW	MODERATE	2	
643259	FEW	0	0	NONE	MANY	3	1-MUCUS
643260	NONE	0	0	FEW	FEW	1	
643298	NONE	0	0	FEW	MANY	2	
643315	NONE	0	0	MODERATE	MODERATE	2	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Urine Microscopic Values

Animal Number	EPIT	WBC	URBC	NCRY	MICR	SPER	SPEC
Male, Group: I - 0 mg/kg - Day 125							
643162	FEW	1-10	0	NONE	MODERATE	3	
643172	NONE	0	0	NONE	FEW	2	
643195	FEW	0	0	NONE	MODERATE	3	
643226	NONE	0	0	NONE	FEW	3	1-MUCUS
643237	FEW	0	0	NONE	MODERATE	3	1-MUCUS
643246	NONE	0	0	FEW	MODERATE	3	1-MUCUS
643253	FEW	0	0	FEW	MODERATE	2	
643262	FEW	0	0	NONE	FEW	3	
643303	FEW	1-10	0	FEW	MODERATE	3	1-MUCUS
643304	FEW	0	0	NONE	FEW	3	

Male, Group: VII - 250 mg/kg - Day 125

643151	NONE	0	0	NONE	MODERATE	3	Sample status: BELOW RECOMMENDED VOLUME
643165	FEW	1-10	0	FEW	MODERATE	3	Sample status: BELOW RECOMMENDED VOLUME
643220	FEW	0	1-10	MODERATE	MODERATE	0	Sample status: BELOW RECOMMENDED VOLUME
643225	NONE	0	0	FEW	MODERATE	3	Sample status: BELOW RECOMMENDED VOLUME; 2-MUCUS; FEW COARSELY GRANULAR CASTS
643234	NONE	0	1-10	MODERATE	MODERATE	2	Sample status: BELOW RECOMMENDED VOLUME
643236	FEW	1-10	1-10	NONE	FEW	3	1-MUCUS; MODERATE NUMBER OF RENAL EPITHELIAL CELLS
643258	NONE	1-10	0	FEW	MODERATE	1	Sample status: BELOW RECOMMENDED VOLUME
643266	NONE	0	0	NONE	FEW	3	1-MUCUS
643296	NONE	0	0	NONE	FEW	2	
643316	NONE	0	0	FEW	MANY	2	Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS

Individual Urine Microscopic Values

Animal Number	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC
Female, Group: II - 0 mg/kg - Day 45							
643354	NONE	0	0	MODERATE	MANY	0	
643361	FEW	0	0	NONE	FEW	0	
643362	FEW	1-10	0	FEW	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
643374	FEW	0	0	NONE	MODERATE	0	
643398	QNS	NT	NT	NT	NT	NT	
643406	FEW	0	0	FEW	MODERATE	0	
643436	NONE	0	0	MODERATE	MANY	0	
643463	FEW	1-10	0	MODERATE	FEW	0	
643477	FEW	0	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS
643486	FEW	1-10	0	FEW	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
Female, Group: IV - 25 mg/kg - Day 45							
643321	NSR	NT	NT	NT	NT	NT	
643324	NONE	0	0	FEW	MODERATE	0	
643364	NONE	0	0	MODERATE	MODERATE	0	
643380	FEW	0	0	FEW	MODERATE	0	
643389	FEW	0	0	FEW	FEW	0	
643390	FEW	1-10	0	NONE	FEW	0	
643396	FEW	0	0	MODERATE	MODERATE	0	
643410	NONE	0	0	FEW	MODERATE	0	
643433	FEW	1-10	0	FEW	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
643458	NONE	0	0	MODERATE	MANY	0	

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Animal Number	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC
Female, Group: VI - 100 mg/kg - Day 45							
643322	FEW	0	0	FEW	MODERATE	0	Sample
643323	FEW	0	0	NONE	MANY	0	
643366	FEW	0	0	FEW	MODERATE	0	
643367	FEW	0	0	MODERATE	MODERATE	0	
643392	NONE	0	0	NONE	FEW	0	
643409	FEW	1-10	0	FEW	NONE	0	
643461	NONE	0	0	MODERATE	MODERATE	0	
643462	FEW	0	0	NONE	MANY	0	
643472	NONE	0	0	FEW	FEW	0	
643489	NONE	1-10	0	FEW	FEW	0	
Female, Group: VIII - 250 mg/kg - Day 45							
643332	NONE	0	0	MODERATE	MODERATE	0	
643340	NONE	0	0	MODERATE	MODERATE	0	
643341	FEW	0	0	FEW	MODERATE	0	
643359	FEW	0	0	MODERATE	MANY	0	
643370	NONE	0	0	FEW	MODERATE	0	
643404	NONE	0	0	MODERATE	MODERATE	0	
643408	NONE	0	0	FEW	MANY	0	
643435	FEW	1-10	0	FEW	MODERATE	0	
643446	NONE	0	0	MODERATE	MODERATE	0	
643466	FEW	1-10	0	NONE	FEW	0	

Individual Urine Microscopic Values

Animal Number	EPIT	WBC	URBC	NCRY	MICR	SPER	SPEC
Female, Group: II - 0 mg/kg - Day 93							
643354	FEW	0	0	FEW	MANY	0	1-MUCUS
643361	FEW	0	0	FEW	MANY	0	1-MUCUS
643362	FEW	0	1-10	NONE	MODERATE	0	Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS
643374	FEW	0	0	NONE	MANY	0	
643398	QNS	NT	NT	NT	NT	NT	
643406	QNS	NT	NT	NT	NT	NT	
643436	NONE	0	0	NONE	MODERATE	0	Sample status: BELOW RECOMMENDED VOLUME
643463	FEW	0	0	FEW	FEW	0	Sample status: BELOW RECOMMENDED VOLUME; FEW COARSELY GRANULAR CASTS
643477	FEW	0	0	NONE	MODERATE	0	Sample status: BELOW RECOMMENDED VOLUME
643486	QNS	NT	NT	NT	NT	NT	
Female, Group: IV - 25 mg/kg - Day 93							
643321	NSR	NT	NT	NT	NT	NT	
643324	FEW	0	0	FEW	FEW	0	1-MUCUS
643364	FEW	0	0	FEW	MODERATE	0	2-MUCUS
643380	FEW	0	0	FEW	MANY	0	
643389	NONE	0	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
643390	NONE	0	0	NONE	MODERATE	0	Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS
643396	FEW	0	0	NONE	MODERATE	0	Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS
643410	QNS	NT	NT	NT	NT	NT	
643433	FEW	0	0	FEW	MODERATE	0	1-MUCUS
643458	FEW	0	0	NONE	MODERATE	0	Sample status: BELOW RECOMMENDED VOLUME

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Urine Microscopic Values

Animal Number	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC
Female, Group: VI - 100 mg/kg - Day 93							
643322	FEW	0	0	NONE	FEW	0	Sample status: 2-MUCUS
643323	FEW	0	0	NONE	MODERATE	0	1-MUCUS
643366	FEW	0	0	NONE	MODERATE	0	Sample status: 1-MUCUS
643367	FEW	0	0	NONE	MODERATE	0	Sample status: 1-MUCUS
643392	FEW	0	1-10	NONE	FEW	0	Sample status: 1-MUCUS
643409	FEW	0	0	NONE	MANY	0	Sample status: 1-MUCUS
643461	FEW	0	0	NONE	MODERATE	0	Sample status: 1-MUCUS
643462	FEW	0	0	FEW	MODERATE	0	Sample status: 1-MUCUS
643472	FEW	0	0	NONE	FEW	0	Sample status: 1-MUCUS
643489	NONE	0	1-10	NONE	MODERATE	0	Sample status: 1-MUCUS
Female, Group: VIII - 250 mg/kg - Day 93							
643332	FEW	0	0	NONE	FEW	0	1-MUCUS
643340	NSR	NT	NT	NT	NT	NT	2-MUCUS
643341	NONE	0	0	NONE	MODERATE	0	1-MUCUS
643359	FEW	0	0	NONE	MODERATE	0	1-MUCUS
643370	FEW	0	0	NONE	FEW	0	1-MUCUS
643404	FEW	0	0	NONE	FEW	0	1-MUCUS
643408	FEW	0	0	NONE	FEW	0	1-MUCUS
643435	FEW	0	0	NONE	MANY	0	1-MUCUS
643446	NONE	0	0	NONE	MODERATE	0	1-MUCUS
643466	FEW	0	0	NONE	MODERATE	0	1-MUCUS

H-24516: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproductive Evaluations

DuPont-5386

Individual Urine Microscopic Values

Animal Number	EPIT	UNBC	URBC	NCRY	MICR	SPER	SPEC	
Female, Group: II - 0 mg/kg - Day 125								
643330	FEW	1-10	0	FEW	FEW	0		Sample status: BELOW RECOMMENDED VOLUME
643336	NSR	NT	NT	NT	NT	NT		
643377	FEW	1-10	0	FEW	FEW	0		Sample status: BELOW RECOMMENDED VOLUME
643387	FEW	0	0	FEW	FEW	0		Sample status: BELOW RECOMMENDED VOLUME
643405	FEW	1-10	0	FEW	FEW	0		
643415	NONE	0	0	FEW	FEW	0		Sample status: BELOW RECOMMENDED VOLUME
643425	NONE	0	0	FEW	FEW	0		
643426	FEW	1-10	0	FEW	FEW	0		Sample status: BELOW RECOMMENDED VOLUME
643448	FEW	1-10	0	FEW	FEW	0		Sample status: BELOW RECOMMENDED VOLUME
643453	NONE	1-10	0	FEW	FEW	0		
Female, Group: VIII - 250 mg/kg - Day 125								
643345	FEW	0	0	FEW	FEW	0		
643347	FEW	1-10	0	FEW	FEW	0		
643351	FEW	1-10	0	FEW	FEW	0		
643358	QNS	NT	NT	NT	NT	NT		
643423	FEW	1-10	0	FEW	FEW	0		
643441	FEW	1-10	0	FEW	FEW	0		Sample status: BELOW RECOMMENDED VOLUME
643444	QNS	NT	NT	NT	NT	NT		
643456	NONE	0	0	FEW	FEW	0		
643474	FEW	1-10	0	FEW	FEW	0		Sample status: BELOW RECOMMENDED VOLUME
643481	QNS	NT	NT	NT	NT	NT		

APPENDIX L

INDIVIDUAL HEPATIC BETA-OXIDATION ACTIVITY

Individual Hepatic Beta-Oxidation Activity In Male Rats At The 10-Day Time Point

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
I	645904	6.8
	645905	4.6
	645906	3.3
	645907	6.1
	645908	2.8
III	645909	7.1
	645910	8.2
	645911	7.5
	645912	11.1
	645913	10.6
V	645914	9.1
	645915	12.3
	645916	8.7
	645917	8.2
	645918	14.3
VII	645919	17.7
	645920	17.1
	645921	9.3
	645922	17.4
	645923	20.5

Individual Hepatic Beta-Oxidation Activity In Male Rats At The 90-Day Time Point

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
I	643241	6.0
	643300	5.8
	643143	2.9
	643205	6.4
	643235	4.6
III	643173	15.7
	643290	9.1
	643272	6.7
	643292	16.2
	643228	17.2
V	643250	20.8
	643243	20.9
	643311	18.4
	643318	20.9
	643247	22.5
VII	643194	32.2
	643252	35.7
	643260	54.5
	643315	51.6
	643215	48.5

Individual Hepatic Beta-Oxidation Activity In Male Rats At The 36-Day Recovery Time Point

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
I	643237	12.4
	643226	9.1
	643195	6.0
	643246	9.7
	643253	5.5
VII	643225	27.8
	643296	26.8
	643258	34.5
	643316	34.4
	643220	26.4

Individual Hepatic Beta-Oxidation Activity In Male Rats At The 92-Day Recovery Time Point

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
I	643145	8.7
	643210	10.0
	643232	7.9
	643265	8.6
	643268	6.4
VII	643149	32.5
	643152	15.8
	643178	25.7
	643283	25.0
	643295	26.7

Individual Hepatic Beta-Oxidation Activity In Female Rats At The 10-Day Time Point

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
II	645926	6.6
	645927	7.2
	645928	7.7
	645929	7.0
	645930	12.0
IV	645931	9.9
	645932	8.6
	645933	4.7
	645934	6.0
	645935	9.4
VI	645936	13.6
	645937	13.4
	645938	11.9
	645939	17.8
	645940	12.3
VIII	645941	18.7
	645942	21.8
	645943	20.9
	645944	18.7
	645945	25.4

Individual Hepatic Beta-Oxidation Activity In Female Rats At The 90-Day Time Point

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
II	643477	5.1
	643374	7.1
	643406	9.4
	643486	7.7
	643361	9.9
IV	643390	7.4
	643396	12.3
	643380	9.0
	643433	17.2
	643389	15.5
VI	643322	29.3
	643489	25.2
	643409	32.2
	643366	24.4
	643367	23.3
VIII	643341	39.3
	643370	24.5
	643446	30.4
	643435	32.9
	643466	21.4

Individual Hepatic Beta-Oxidation Activity In Female Rats At The 36-Day Recovery Time Point

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
II	643405	10.5
	643425	11.5
	643448	9.5
	643426	8.4
	643415	8.3
VIII	643347	18.9
	643456	14.8
	643423	20.2
	643345	21.1
	645551	24.6

Individual Hepatic Beta-Oxidation Activity In Female Rats At The 92-Day Recovery Time Point

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
II	643383	19.2
	643384	15.2
	643402	19.0
	643465	19.3
	643484	19.4
VIII	643329	35.9
	643365	34.3
	643388	27.9
	643450	31.2
	643487	29.1

APPENDIX M

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Group : I - 0 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	BRAIN %FBW	ADRENAL GLANDS (Gms)	ADRENAL GLANDS %FBW	ADRENAL GLANDS %BRAIN	EPIDIDYIMIDES (Gms)	EPIDIDYIMIDES %FBW	EPIDIDYIMIDES %BRAIN	HEART (Gms)	HEART %FBW	HEART %BRAIN	KIDNEYS (Gms)	KIDNEYS %FBW	KIDNEYS %BRAIN
643143	512.40	2.079	0.4057	0.053	0.0103	2.5493	1.368	0.2670	65.801	1.491	0.2910	71.717	3.529	0.6887	169.75
643150	470.00	2.080	0.4426	0.049	0.0104	2.3558	1.442	0.3068	69.327	1.455	0.3096	69.952	3.684	0.7838	177.12
643185	586.60	2.155	0.3674	0.048	0.0082	2.2374	1.793	0.3057	83.202	1.804	0.3075	83.712	4.020	0.8553	186.54
643189	601.50	2.165	0.3599	0.061	0.0101	2.8176	1.487	0.2472	68.694	1.797	0.2988	83.002	4.200	0.6983	194.00
643204	570.80	2.089	0.3660	0.068	0.0119	3.2551	1.687	0.2956	80.756	1.967	0.3446	94.160	3.443	0.6032	164.82
643205	563.80	2.142	0.3799	0.072	0.0128	3.3613	1.698	0.3012	79.272	1.764	0.3129	82.353	4.429	0.7856	206.77
643235	622.00	2.223	0.3574	0.047	0.0076	2.1143	1.756	0.2823	78.992	1.830	0.2942	82.321	4.172	0.6707	187.67
643241	612.90	2.145	0.3500	0.045	0.0073	2.0979	1.804	0.2943	84.103	1.663	0.2713	77.529	3.804	0.6207	177.34
643288	584.20	2.121	0.3631	0.050	0.0086	2.3574	1.545	0.2645	72.843	1.701	0.2912	80.198	3.667	0.6277	172.89
643300	575.00	1.982	0.3447	0.061	0.0106	3.0777	1.477	0.2569	74.521	1.668	0.2901	84.157	3.765	0.6548	189.96
Mean	569.92	2.118	0.3737	0.055	0.0098	2.6214	1.606	0.2821	75.750	1.714	0.3011	80.910	3.871	0.6819	182.69
S.D.	46.423	0.065	0.0296	0.009	0.0018	0.4747	0.160	0.0217	6.4413	0.155	0.0195	6.8226	0.321	0.0625	12.662

Group : III - 25 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	BRAIN %FBW	ADRENAL GLANDS (Gms)	ADRENAL GLANDS %FBW	ADRENAL GLANDS %BRAIN	EPIDIDYIMIDES (Gms)	EPIDIDYIMIDES %FBW	EPIDIDYIMIDES %BRAIN	HEART (Gms)	HEART %FBW	HEART %BRAIN	KIDNEYS (Gms)	KIDNEYS %FBW	KIDNEYS %BRAIN
643173	504.40	2.042	0.4048	0.064	0.0127	3.1342	1.460	0.2895	71.499	1.536	0.3045	75.220	3.920	0.7772	191.97
643179	516.40	2.086	0.4040	0.059	0.0114	2.8284	1.461	0.2829	70.038	1.951	0.3778	93.528	3.892	0.7537	186.58
643180	543.80	2.110	0.3880	0.058	0.0107	2.7488	1.332	0.2449	63.128	1.515	0.2786	71.801	4.435	0.8156	210.19
643228	677.90	2.319	0.3421	0.065	0.0096	2.8029	1.527	0.2253	65.847	1.955	0.2884	84.304	4.830	0.7125	208.28
643240	485.90	2.147	0.4419	0.056	0.0115	2.6083	1.697	0.3492	79.041	1.692	0.3482	78.808	3.761	0.7740	175.17
643264	628.90	2.312	0.3676	0.064	0.0102	2.7682	1.771	0.2816	76.600	1.779	0.2829	76.946	4.623	0.7351	199.96
643272	518.20	2.123	0.4097	0.072	0.0139	3.3914	1.434	0.2767	67.546	1.545	0.2981	72.774	3.627	0.6999	170.84
643290	548.90	1.986	0.3618	0.049	0.0089	2.4673	1.400	0.2551	70.493	1.845	0.3361	92.900	3.968	0.7229	199.80
643292	526.70	2.278	0.4325	0.044	0.0084	1.9315	1.499	0.2846	65.803	1.628	0.3091	71.466	4.474	0.8494	196.40
643308	611.20	2.210	0.3616	0.070	0.0115	3.1674	1.496	0.2448	67.692	1.665	0.2724	75.339	4.077	0.6670	184.48
Mean	556.23	2.161	0.3914	0.060	0.0109	2.7848	1.508	0.2735	69.769	1.711	0.3096	79.309	4.161	0.7507	192.37
S.D.	62.229	0.115	0.0328	0.009	0.0017	0.4083	0.133	0.0343	4.9518	0.165	0.0342	8.2378	0.402	0.0550	13.143

FBW - Final Body Weight

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Group : V - 100 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	EPIDIDYIMIDES (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN
643224	478.10	2.080	0.4351	0.049	0.0102	2.3558	1.517	0.3173	72.933	1.552	0.3246	74.615	3.840	0.8032	184.62
643243	533.20	2.065	0.3873	0.051	0.0096	2.4657	1.346	0.2524	65.182	1.473	0.2763	71.332	4.361	0.8179	211.19
643247	544.30	2.054	0.3774	0.066	0.0121	3.2132	1.499	0.2754	72.980	1.746	0.3208	85.005	4.304	0.7907	209.54
643250	470.60	1.991	0.4231	0.041	0.0087	2.0593	1.382	0.2937	69.412	1.341	0.2850	67.353	4.137	0.8791	207.79
643257	499.60	2.076	0.4155	0.043	0.0086	2.0713	1.424	0.2850	68.593	1.423	0.2848	68.545	3.672	0.7350	176.88
643275	532.90	1.948	0.3655	0.058	0.0109	2.9774	1.293	0.2426	66.376	1.659	0.3113	85.164	4.430	0.8313	227.41
643311	506.70	1.999	0.3945	0.045	0.0089	2.2511	1.523	0.3006	76.188	1.576	0.3110	78.839	4.279	0.8445	214.06
643314	498.60	2.191	0.4394	0.055	0.0110	2.5103	1.557	0.3123	71.063	1.413	0.2834	64.491	4.203	0.8430	191.83
643318	567.00	2.239	0.3949	0.057	0.0101	2.5458	1.338	0.2360	59.759	1.654	0.2917	73.872	4.463	0.7871	199.33
Mean	514.56	2.071	0.4036	0.052	0.0100	2.4949	1.431	0.2795	69.165	1.537	0.2988	74.358	4.188	0.8146	202.52
S.D.	31.860	0.093	0.0259	0.008	0.0012	0.3873	0.096	0.0300	4.9268	0.135	0.0182	7.4153	0.268	0.0417	15.841

Group : VII - 250 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	EPIDIDYIMIDES (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN
643174	566.60	2.046	0.3611	0.059	0.0104	2.8837	1.468	0.2591	71.750	1.716	0.3029	83.871	5.024	0.8867	245.55
643193	527.80	2.178	0.4127	0.055	0.0104	2.5253	1.422	0.2694	65.289	1.440	0.2728	66.116	4.847	0.9183	222.54
643194	510.80	2.069	0.4051	0.051	0.0100	2.4650	1.448	0.2835	69.985	1.468	0.2874	70.952	4.156	0.8136	200.87
643201	546.00	2.170	0.3974	0.050	0.0092	2.3041	1.542	0.2824	71.060	1.710	0.3132	78.802	4.806	0.8802	221.47
643215	510.50	2.000	0.3918	0.057	0.0112	2.8500	1.686	0.3303	84.300	1.421	0.2784	71.050	5.102	0.9994	255.10
643252	498.60	2.193	0.4398	0.052	0.0104	2.3712	1.431	0.2870	65.253	1.578	0.3165	71.956	4.572	0.9170	208.48
643259	490.10	2.080	0.4244	0.049	0.0100	2.3558	1.484	0.3028	71.346	1.515	0.3091	72.837	4.824	0.9843	231.92
643260	441.10	1.930	0.4375	0.040	0.0091	2.0725	1.271	0.2881	65.855	1.352	0.3065	70.052	3.841	0.8708	199.02
643298	516.10	2.175	0.4214	0.065	0.0126	2.9885	1.540	0.2984	70.805	1.430	0.2771	65.747	5.006	0.9700	230.16
643315	474.80	2.139	0.4505	0.067	0.0141	3.1323	1.383	0.2913	64.656	1.478	0.3113	69.098	4.082	0.8597	190.84
Mean	508.24	2.098	0.4142	0.055	0.0107	2.5948	1.468	0.2892	70.030	1.511	0.2975	72.048	4.626	0.9100	220.60
S.D.	35.490	0.088	0.0266	0.008	0.0016	0.3462	0.110	0.0193	5.7887	0.122	0.0168	5.5358	0.445	0.0596	20.883

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Group : I - 0 mg/kg/day Sex : MALES

ANIMAL	(Gms)	LIVER %FBW	%BRAIN	(Gms)	SPLEEN %FBW	%BRAIN	(Gms)	TESTES %FBW	%BRAIN	(Gms)	THYMUS %FBW	%BRAIN
643143	12.027	2.3472	578.50	0.763	0.1489	36.700	3.281	0.6403	157.82	0.505	0.0986	24.291
643150	12.058	2.5655	579.71	0.771	0.1640	37.067	3.861	0.8215	185.63	0.390	0.0830	18.750
643185	15.885	2.7080	737.12	0.788	0.1343	36.566	3.654	0.6229	169.56	0.508	0.0866	23.573
643189	17.971	2.9877	830.07	0.857	0.1425	39.584	3.693	0.6140	170.58	0.597	0.0993	27.575
643204	14.869	2.6049	711.78	0.938	0.1643	44.902	3.704	0.6489	177.31	0.352	0.0617	16.850
643205	16.314	2.8936	761.62	1.002	0.1777	46.779	3.624	0.6428	169.19	0.277	0.0491	12.932
643235	19.863	3.1934	893.52	0.969	0.1558	43.590	4.302	0.6916	193.52	0.594	0.0955	26.721
643241	16.844	2.7482	785.27	0.720	0.1175	33.566	3.675	0.5996	171.33	0.512	0.0835	23.869
643288	14.978	2.5638	706.18	0.745	0.1275	35.125	3.307	0.5661	155.92	0.539	0.0923	25.413
643300	15.334	2.6668	773.66	0.703	0.1223	35.469	3.187	0.5543	160.80	0.206	0.0358	10.394
Mean	15.614	2.7279	735.74	0.826	0.1455	38.935	3.629	0.6402	171.16	0.448	0.0785	21.037
S.D.	2.409	0.2426	99.373	0.109	0.0201	4.5784	0.323	0.0754	11.887	0.135	0.0221	5.9719

Group : III - 25 mg/kg/day Sex : MALES

ANIMAL	(Gms)	LIVER %FBW	%BRAIN	(Gms)	SPLEEN %FBW	%BRAIN	(Gms)	TESTES %FBW	%BRAIN	(Gms)	THYMUS %FBW	%BRAIN
643173	14.493	2.8733	709.75	0.510	0.1011	24.976	3.142	0.6229	153.87	0.233	0.0462	11.410
643179	15.519	3.0052	743.96	0.685	0.1326	32.838	3.714	0.7192	178.04	0.443	0.0858	21.237
643180	16.875	3.1032	799.76	0.569	0.1046	26.967	3.168	0.5826	150.14	0.307	0.0565	14.550
643228	20.448	3.0164	881.76	0.779	0.1149	33.592	3.651	0.5386	157.44	0.514	0.0758	22.165
643240	13.780	2.8360	641.83	0.712	0.1465	33.163	3.591	0.7390	167.26	0.448	0.0922	20.866
643264	19.596	3.1159	847.58	1.071	0.1703	46.324	3.761	0.5980	162.67	0.281	0.0447	12.154
643272	15.966	3.0810	752.05	0.769	0.1484	36.222	2.928	0.5650	137.92	0.391	0.0755	18.417
643290	17.459	3.1807	879.10	0.820	0.1494	41.289	2.860	0.5210	144.01	0.453	0.0825	22.810
643292	15.715	2.9837	689.86	0.525	0.0997	23.047	3.989	0.7574	175.11	0.251	0.0477	11.018
643308	18.920	3.0955	856.11	0.900	0.1473	40.724	3.165	0.5178	143.21	0.408	0.0668	18.462
Mean	16.877	3.0291	780.18	0.734	0.1315	33.914	3.397	0.6162	156.97	0.373	0.0674	17.309
S.D.	2.210	0.1093	85.088	0.175	0.0248	7.5143	0.389	0.0910	13.696	0.098	0.0176	4.6311

FBW - Final Body Weight

H-24516: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5386

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Group : V - 100 mg/kg/day Sex : MALES

ANIMAL	(Gms)	LIVER %FBW	%BRAIN	(Gms)	SPLEEN %FBW	%BRAIN	(Gms)	TESTES %FBW	%BRAIN	(Gms)	THYMUS %FBW	%BRAIN
643224	18.368	3.8419	883.08	0.687	0.1437	33.029	3.605	0.7540	173.32	0.242	0.0506	11.635
643243	23.501	4.4075	1138.1	0.843	0.1581	40.823	3.331	0.6247	161.31	0.500	0.0938	24.213
643247	23.174	4.2576	1128.2	0.919	0.1688	44.742	3.793	0.6969	184.66	0.429	0.0788	20.886
643250	17.434	3.7046	875.64	0.677	0.1439	34.003	3.386	0.7195	170.07	0.367	0.0780	18.433
643257	19.589	3.9209	943.59	0.754	0.1509	36.320	3.497	0.7000	168.45	0.383	0.0767	18.449
643275	22.561	4.2336	1158.2	0.743	0.1394	38.142	3.526	0.6617	181.01	0.309	0.0580	15.862
643311	22.345	4.4099	1117.8	0.887	0.1751	44.372	3.499	0.6905	175.04	0.443	0.0874	22.161
643314	20.904	4.1925	954.08	0.857	0.1719	39.115	3.653	0.7327	166.73	0.217	0.0435	9.9042
643318	21.877	3.8584	977.09	0.818	0.1443	36.534	3.693	0.6513	164.94	0.459	0.0810	20.500
Mean	21.084	4.0919	1019.5	0.798	0.1551	38.564	3.554	0.6924	171.72	0.372	0.0720	18.005
S.D.	2.167	0.2633	115.06	0.087	0.0138	4.1546	0.147	0.0410	7.5837	0.098	0.0172	4.7634

Group : VII - 250 mg/kg/day Sex : MALES

ANIMAL	LIVER		SPLEEN		TESTES		THYMUS		
	(Gms)	%FBW	%BRAIN	(Gms)	%FBW	%BRAIN	(Gms)	%FBW	%BRAIN
643174	28.144	4.9672	1375.6	0.737	0.1301	36.022	3.576	0.6311	174.78
643193	24.347	4.6129	1117.9	0.627	0.1188	28.788	3.692	0.6995	169.51
643194	24.229	4.7433	1171.0	0.698	0.1366	33.736	3.386	0.6629	163.65
643201	26.508	4.8549	1221.6	0.884	0.1619	40.737	3.975	0.7280	183.18
643215	27.373	5.3620	1368.7	0.691	0.1354	34.550	3.517	0.6889	175.85
643252	27.181	5.4515	1239.4	0.705	0.1414	32.148	3.522	0.7064	160.60
643259	25.986	5.3022	1249.3	0.616	0.1257	29.615	3.709	0.7568	178.32
643260	23.001	5.2145	1191.8	0.683	0.1548	35.389	3.021	0.6849	156.53
643298	26.542	5.1428	1220.3	0.790	0.1531	36.322	3.925	0.7605	180.46
643315	22.063	4.6468	1031.5	0.703	0.1481	32.866	3.168	0.6672	148.11
Mean	25.537	5.0298	1218.7	0.713	0.1406	34.017	3.549	0.6986	169.10
S.D.	2.018	0.3066	103.65	0.078	0.0138	3.4685	0.302	0.0411	11.503

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR ONE-MONTH RECOVERY EVALUATION

Group : I - 0 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	ADRENAL GLANDS (Gms)	ADRENAL GLANDS %FBW	EPIDIDYIMIDES (Gms)	EPIDIDYIMIDES %FBW	HEART (Gms)	HEART %FBW	KIDNEYS (Gms)	KIDNEYS %FBW
643162	419.20	2.104	0.5019	0.053	0.0126	2.5190	1.463	0.3490	3.616	0.8626
643172	648.90	2.210	0.3406	0.062	0.0096	2.8054	1.749	0.2695	4.075	0.6280
643195	597.40	2.204	0.3689	0.056	0.0094	2.5408	1.986	0.3324	3.509	0.5874
643226	590.10	2.082	0.3528	0.046	0.0078	2.2094	1.592	0.2698	3.752	0.6358
643237	516.00	1.996	0.3868	0.039	0.0076	1.9539	2.236	0.4333	3.582	0.6942
643246	677.20	2.216	0.3272	0.065	0.0096	2.9332	1.803	0.2662	4.190	0.6187
643253	635.30	2.066	0.3452	0.053	0.0083	2.5653	1.787	0.2813	4.268	0.6718
643262	650.30	2.369	0.3643	0.068	0.0105	2.8704	1.950	0.2999	4.300	0.6612
643303	656.10	2.158	0.3289	0.046	0.0070	2.1316	1.756	0.2676	4.642	0.7075
643304	516.00	2.105	0.4079	0.062	0.0120	2.9454	1.547	0.2998	3.284	0.6364
Mean	590.65	2.151	0.3705	0.055	0.0094	2.5475	1.787	0.3069	3.922	0.6704
S.D.	82.533	0.105	0.0536	0.009	0.0019	0.3526	0.229	0.0528	0.434	0.0765

Group : VII - 250 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	ADRENAL GLANDS (Gms)	ADRENAL GLANDS %FBW	EPIDIDYIMIDES (Gms)	EPIDIDYIMIDES %FBW	HEART (Gms)	HEART %FBW	KIDNEYS (Gms)	KIDNEYS %FBW
643151	472.60	2.188	0.4630	0.051	0.0108	2.3309	1.507	0.3189	4.220	0.8929
643165	533.80	2.081	0.3898	0.054	0.0101	2.5949	1.830	0.3428	4.466	0.8366
643220	490.80	2.048	0.4173	0.054	0.0110	2.6367	1.671	0.3405	3.747	0.7634
643225	558.10	2.154	0.3860	0.035	0.0063	1.6249	1.751	0.3137	5.110	0.9156
643234	541.30	2.208	0.4079	0.060	0.0111	2.7174	1.734	0.3203	4.870	0.8997
643236	542.00	2.101	0.3876	0.061	0.0113	2.9034	1.696	0.3129	4.634	0.8550
643258	515.70	2.230	0.4324	0.053	0.0103	2.3767	1.622	0.3145	3.869	0.7502
643266	562.60	2.202	0.3914	0.052	0.0092	2.3615	1.690	0.3004	4.715	0.8381
643296	602.20	2.175	0.3612	0.062	0.0103	2.8506	1.713	0.2845	4.923	0.8175
643316	560.70	2.096	0.3738	0.057	0.0102	2.7195	1.817	0.3241	4.706	0.8393
Mean	537.98	2.148	0.4010	0.054	0.0101	2.5116	1.703	0.3173	4.526	0.8408
S.D.	37.554	0.062	0.0300	0.008	0.0015	0.3706	0.094	0.0172	0.451	0.0545

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR ONE-MONTH RECOVERY EVALUATION

Group : I - 0 mg/kg/day Sex : MALES

ANIMAL	LIVER		SPLEEN		TESTES		THYMUS	
	(Gms)	%FBW	(Gms)	%FBW	(Gms)	%FBW	(Gms)	%FBW
643162	10.852	2.5887	515.78	0.462	0.1102	21.958	3.272	0.7805
643172	16.681	2.5707	754.80	0.800	0.1233	36.199	3.515	0.5417
643195	15.905	2.6624	721.64	0.728	0.1219	33.031	3.395	0.5683
643226	14.428	2.4450	692.99	0.841	0.1425	40.394	2.870	0.4864
643237	15.272	2.9597	765.13	0.819	0.1587	41.032	3.690	0.7151
643246	17.881	2.6404	806.90	1.063	0.1570	47.969	4.391	0.6484
643253	16.290	2.5641	788.48	0.897	0.1412	43.417	3.141	0.4344
643262	16.405	2.5227	692.49	0.770	0.1184	32.503	3.762	0.5785
643303	16.410	2.5011	760.43	0.738	0.1125	34.198	2.994	0.4563
643304	12.941	2.5079	614.77	0.788	0.1527	37.435	3.009	0.5831
Mean	15.307	2.5963	711.34	0.791	0.1338	36.814	3.404	0.5853
S.D.	2.068	0.1435	88.595	0.151	0.0187	7.1480	0.459	0.1032

Group : VII - 250 mg/kg/day Sex : MALES

ANIMAL	LIVER		SPLEEN		TESTES		THYMUS	
	(Gms)	%FBW	(Gms)	%FBW	(Gms)	%FBW	(Gms)	%FBW
643151	15.674	3.3165	716.36	0.893	0.1890	40.814	3.897	0.8246
643165	18.089	3.3887	869.25	0.763	0.1429	36.665	3.749	0.7023
643220	15.720	3.2029	767.58	0.820	0.1671	40.039	1.983	0.4040
643225	20.721	3.7128	961.98	1.063	0.1905	49.350	3.798	0.6805
643234	20.334	3.7565	920.92	0.873	0.1613	39.538	3.434	0.6344
643236	19.595	3.6153	932.65	0.722	0.1332	34.365	3.553	0.6555
643258	16.997	3.2959	762.20	0.706	0.1369	31.659	3.002	0.5821
643266	18.904	3.3601	858.49	0.664	0.1180	30.154	3.636	0.6463
643296	20.729	3.4422	953.06	0.815	0.1353	37.471	3.027	0.5027
643316	23.195	4.1368	1106.6	0.956	0.1705	45.611	3.457	0.6166
Mean	18.996	3.5228	884.91	0.828	0.1545	38.567	3.354	0.6249
S.D.	2.412	0.2835	116.19	0.123	0.0248	5.9162	0.567	0.1136

FBW - Final Body Weight

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR THREE-MONTH RECOVERY EVALUATION

Group : I - 0 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	TESTES (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
643145	557.80	3.665	0.6570	15.836	2.8390	3.207	0.5749	0.023	0.0041
643210	606.20	4.696	0.7747	16.402	2.7057	4.177	0.6890	0.022	0.0036
643232	617.50	4.159	0.6735	16.538	2.6782	3.512	0.5687	0.026	0.0042
643265	576.90	4.148	0.7190	16.530	2.8653	3.643	0.6315	0.029	0.0050
643268	687.80	4.453	0.6474	19.012	2.7642	4.148	0.6031	0.023	0.0033
Mean	609.24	4.224	0.6943	16.864	2.7705	3.737	0.6135	0.025	0.0041
S.D.	49.853	0.387	0.0526	1.235	0.0813	0.419	0.0491	0.003	0.0006

Group : III - 25 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	TESTES (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
643202	523.60	4.108	0.7846	14.756	2.8182	4.385	0.8375	0.018	0.0034
643293	620.20	4.571	0.7370	15.455	2.4919	3.564	0.5747	0.026	0.0042
643305	644.70	4.531	0.7028	16.640	2.5810	3.967	0.6153	0.023	0.0036
643306	514.80	3.030	0.6002	13.123	2.5491	3.244	0.6301	0.015	0.0029
643310	618.70	4.329	0.6997	14.482	2.3407	3.412	0.5515	0.024	0.0039
Mean	584.40	4.126	0.7049	14.891	2.5562	3.714	0.6418	0.021	0.0036
S.D.	60.488	0.608	0.0678	1.293	0.1731	0.461	0.1138	0.005	0.0005

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR THREE-MONTH RECOVERY EVALUATION

Group : V - 100 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	TESTES (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
643159	608.80	4.267	0.7009	18.278	3.0023	4.082	0.6705	0.022	0.0036
643169	555.30	4.278	0.7704	15.727	2.8322	3.187	0.5739	0.026	0.0047
643181	729.90	4.386	0.6009	19.257	2.6383	4.697	0.6435	0.019	0.0026
643206	534.30	4.186	0.7835	17.415	3.2594	3.756	0.7030	0.028	0.0052
643286	558.50	3.895	0.6974	15.356	2.7495	3.081	0.5517	0.029	0.0052
Mean	597.36	4.202	0.7106	17.207	2.8963	3.761	0.6285	0.025	0.0043
S.D.	78.983	0.186	0.0728	1.659	0.2425	0.665	0.0641	0.004	0.0011

Group : VII - 250 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	TESTES (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
643149	619.10	4.260	0.6881	20.372	3.2906	3.958	0.6393	0.021	0.0034
643152	770.50	5.835	0.7573	23.913	3.1036	4.128	0.5358	0.026	0.0034
643178	457.70	4.031	0.8807	14.293	3.1228	3.183	0.6954	0.020	0.0044
643283	575.20	4.092	0.7114	18.797	3.2679	3.459	0.6014	0.023	0.0040
643295	522.50	4.236	0.8107	15.313	2.9307	3.805	0.7282	0.028	0.0054
Mean	589.00	4.491	0.7696	18.538	3.1431	3.707	0.6400	0.024	0.0041
S.D.	118.00	0.758	0.0778	3.897	0.1453	0.383	0.0762	0.003	0.0008

FBW - Final Body Weight

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Group : II - 0 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN	LIVER (Gms)	%FBW	%BRAIN
643354	280.00	1.777	0.6346	0.061	0.0218	3.4328	0.865	0.3089	48.678	2.005	0.7161	112.83	7.697	2.7489	433.15
643361	373.00	1.911	0.5123	0.080	0.0214	4.1863	1.137	0.3048	59.498	2.400	0.6434	125.59	9.431	2.5284	493.51
643362	303.50	1.906	0.6280	0.056	0.0185	2.9361	1.085	0.3575	56.925	1.979	0.6521	103.83	8.409	2.7707	441.19
643374	301.20	1.799	0.5973	0.055	0.0183	3.0573	1.036	0.3440	57.588	2.068	0.6866	114.95	9.159	3.0408	509.12
643398	290.20	2.032	0.7002	0.079	0.0272	3.8878	1.103	0.3801	54.281	2.107	0.7261	103.69	8.431	2.9052	414.91
643406	260.40	1.871	0.7185	0.055	0.0211	2.9396	0.887	0.3406	47.408	1.778	0.6828	95.029	7.670	2.9455	409.94
643436	304.20	1.811	0.5953	0.065	0.0214	3.5892	1.033	0.3396	57.040	2.098	0.6897	115.85	9.145	3.0062	504.97
643463	331.30	1.946	0.5874	0.079	0.0238	4.0596	1.098	0.3314	56.423	2.342	0.7069	120.35	9.612	2.9013	493.94
643477	285.40	1.871	0.6556	0.062	0.0217	3.3137	0.960	0.3364	51.309	2.171	0.7607	116.03	7.794	2.7309	416.57
643486	245.30	1.915	0.7807	0.057	0.0232	2.9765	0.831	0.3388	43.394	1.740	0.7093	90.862	6.941	2.8296	362.45
Mean	297.45	1.884	0.6410	0.065	0.0218	3.4381	1.004	0.3382	53.255	2.069	0.6974	109.90	8.429	2.8408	447.97
S.D.	35.815	0.076	0.0766	0.010	0.0026	0.4765	0.110	0.0216	5.2999	0.211	0.0346	11.163	0.893	0.1525	49.753

Group : IV - 25 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN	LIVER (Gms)	%FBW	%BRAIN
643324	290.60	2.136	0.7350	0.057	0.0196	2.6685	1.047	0.3603	49.017	2.267	0.7801	106.13	8.814	3.0330	412.64
643364	288.70	1.848	0.6401	0.070	0.0242	3.7879	0.883	0.3059	47.781	1.828	0.6332	98.918	8.713	3.0180	471.48
643380	321.10	2.078	0.6472	0.061	0.0190	2.9355	1.058	0.3295	50.914	2.513	0.7826	120.93	9.167	2.8549	441.15
643389	280.50	2.061	0.7348	0.073	0.0260	3.5420	1.062	0.3786	51.528	2.315	0.8253	112.32	9.652	3.4410	468.32
643390	274.30	1.934	0.7051	0.060	0.0219	3.1024	1.088	0.3966	56.256	2.276	0.8297	117.68	8.436	3.0755	436.19
643396	340.40	1.989	0.5843	0.085	0.0250	4.2735	1.276	0.3749	64.153	2.758	0.8102	138.66	12.620	3.7074	634.49
643410	312.50	2.039	0.6525	0.065	0.0208	3.1878	1.069	0.3421	52.428	2.639	0.8445	129.43	8.619	2.7581	422.71
643433	337.10	1.829	0.5426	0.057	0.0169	3.1165	1.716	0.5090	93.822	2.058	0.6105	112.52	8.877	2.6333	485.35
643458	287.80	1.953	0.6786	0.063	0.0219	3.2258	1.048	0.3641	53.661	2.439	0.8475	124.88	8.711	3.0268	446.03
Mean	303.67	1.985	0.6578	0.066	0.0217	3.3155	1.139	0.3734	57.729	2.344	0.7737	117.94	9.290	3.0609	468.71
S.D.	24.735	0.104	0.0649	0.009	0.0030	0.4828	0.238	0.0578	14.364	0.286	0.0895	12.149	1.298	0.3323	66.482

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Group : VI - 100 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	ADRENAL GLANDS (Gms)	HEART (Gms)	KIDNEYS (Gms)	LIVER (Gms)
		%FBW	%FBW	%BRAIN	%FBW	%BRAIN
643322	282.00	1.887	0.053	0.0188	2.257	0.8004
643323	270.40	1.936	0.080	0.0296	2.321	0.8584
643366	303.80	1.977	0.063	0.0207	2.226	0.7327
643367	289.50	1.919	0.074	0.0256	2.348	0.8111
643392	259.00	1.895	0.070	0.0270	2.008	0.7753
643409	272.30	1.877	0.049	0.0180	2.250	0.8263
643461	313.20	1.982	0.072	0.0230	2.782	0.8883
643462	311.80	1.918	0.065	0.0208	2.603	0.8348
643472	254.60	1.716	0.069	0.0271	2.136	0.8390
643489	307.50	2.035	0.060	0.0195	2.359	0.7672
Mean	286.41	1.914	0.066	0.0230	2.329	0.8133
S.D.	22.003	0.085	0.010	0.0041	0.222	0.0462

Group : VIII - 250 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	ADRENAL GLANDS (Gms)	HEART (Gms)	KIDNEYS (Gms)	LIVER (Gms)
		%FBW	%FBW	%BRAIN	%FBW	%BRAIN
643332	263.50	1.904	0.064	0.0243	2.313	0.8778
643341	287.20	1.888	0.061	0.0212	2.474	0.8614
643359	335.10	1.978	0.071	0.0212	2.878	0.8588
643370	317.30	1.930	0.071	0.0224	2.689	0.8475
643404	249.30	2.026	0.078	0.0313	3.075	1.2335
643408	290.10	1.859	0.051	0.0176	2.404	0.8287
643435	233.90	1.797	0.064	0.0274	2.329	0.9957
643446	295.80	2.001	0.060	0.0203	2.736	0.9249
643466	279.20	2.111	0.073	0.0261	2.550	0.9133
Mean	283.49	1.944	0.066	0.0235	2.605	0.9269
S.D.	31.745	0.095	0.008	0.0042	0.260	0.1256

FBW - Final Body Weight

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Group : II - 0 mg/kg/day Sex : FEMALES

ANIMAL	(Gms)	OVARIES %FBW	%BRAIN	(Gms)	SPLEEN %FBW	%BRAIN	(Gms)	THYMUS %FBW	%BRAIN	(Gms)	UTERUS %FBW	%BRAIN
643354	0.133	0.0475	7.4845	0.534	0.1907	30.051	0.188	0.0671	10.580	0.484	0.1729	27.237
643361	0.127	0.0340	6.6457	0.640	0.1716	33.490	0.511	0.1370	26.740	0.634	0.1700	33.176
643362	0.117	0.0386	6.1385	0.515	0.1697	27.020	0.398	0.1311	20.881	0.514	0.1694	26.967
643374	0.071	0.0236	3.9466	0.557	0.1849	30.962	0.333	0.1106	18.510	0.675	0.2241	37.521
643398	0.157	0.0541	7.7264	0.605	0.2085	29.774	0.329	0.1134	16.191	0.516	0.1778	25.394
643406	0.118	0.0453	6.3058	0.457	0.1755	24.425	0.243	0.0933	12.988	0.570	0.2189	30.465
643436	0.141	0.0464	7.7858	0.384	0.1262	21.204	0.256	0.0842	14.136	0.588	0.1933	32.468
643463	0.132	0.0398	6.7831	0.611	0.1844	31.398	0.256	0.0773	13.155	0.557	0.1681	28.623
643477	0.076	0.0266	4.0620	0.421	0.1475	22.501	0.320	0.1121	17.103	0.551	0.1931	29.449
643486	0.083	0.0338	4.3342	0.336	0.1370	17.546	0.144	0.0587	7.5196	0.693	0.2825	36.188
Mean	0.116	0.0390	6.1214	0.506	0.1696	26.837	0.298	0.0985	15.780	0.578	0.1970	30.749
S.D.	0.029	0.0096	1.4950	0.103	0.0256	5.2041	0.106	0.0266	5.4588	0.070	0.0363	4.0262

Group : IV - 25 mg/kg/day Sex : FEMALES

ANIMAL	(Gms)	OVARIES %FBW	%BRAIN	(Gms)	SPLEEN %FBW	%BRAIN	(Gms)	THYMUS %FBW	%BRAIN	(Gms)	UTERUS %FBW	%BRAIN
643324	0.118	0.0406	5.5243	0.537	0.1848	25.140	0.269	0.0926	12.594	0.959	0.3300	44.897
643364	0.105	0.0364	5.6818	0.496	0.1718	26.840	0.171	0.0592	9.2532	0.503	0.1742	27.219
643380	0.146	0.0455	7.0260	0.473	0.1473	22.762	0.347	0.1081	16.699	0.549	0.1710	26.420
643389	0.135	0.0481	6.5502	0.493	0.1758	23.920	0.306	0.1091	14.847	0.413	0.1472	20.039
643390	0.109	0.0397	5.6360	0.445	0.1622	23.009	0.309	0.1127	15.977	0.929	0.3387	48.035
643396	0.098	0.0288	4.9271	0.615	0.1807	30.920	0.231	0.0679	11.614	0.653	0.1918	32.831
643410	0.151	0.0483	7.4056	0.565	0.1808	27.710	0.388	0.1242	19.029	0.978	0.3130	47.965
643433	0.117	0.0347	6.3969	0.486	0.1442	26.572	0.441	0.1308	24.112	0.454	0.1347	24.822
643458	0.120	0.0417	6.1444	0.445	0.1546	22.785	0.348	0.1209	17.819	0.513	0.1782	26.267
Mean	0.122	0.0404	6.1436	0.506	0.1669	25.518	0.312	0.1028	15.771	0.661	0.2199	33.166
S.D.	0.018	0.0065	0.7854	0.056	0.0153	2.7589	0.082	0.0249	4.4157	0.230	0.0825	10.887

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Group : VI - 100 mg/kg/day Sex : FEMALES

ANIMAL	(Gms)	OVARIES %FBW	%BRAIN	SPLEEN (Gms)	%FBW	%BRAIN	THYMUS (Gms)	%FBW	%BRAIN	UTERUS (Gms)	%FBW	%BRAIN
643322	0.113	0.0401	5.9883	0.436	0.1546	23.105	0.344	0.1220	18.230	0.539	0.1911	28.564
643323	0.149	0.0551	7.6963	0.662	0.2448	34.194	0.288	0.1065	14.876	0.743	0.2748	38.378
643366	0.157	0.0517	7.9413	0.507	0.1669	25.645	0.249	0.0820	12.595	0.604	0.1988	30.551
643367	0.103	0.0356	5.3674	0.427	0.1475	22.251	0.395	0.1364	20.584	0.647	0.2235	33.715
643392	0.128	0.0494	6.7546	0.398	0.1537	21.003	0.201	0.0776	10.607	0.498	0.1923	26.280
643409	0.133	0.0488	7.0858	0.423	0.1553	22.536	0.329	0.1208	17.528	0.386	0.1418	20.565
643461	0.150	0.0479	7.5681	0.642	0.2050	32.392	0.304	0.0971	15.338	0.639	0.2040	32.240
643462	0.120	0.0385	6.2565	0.652	0.2091	33.994	0.314	0.1007	16.371	0.657	0.2107	34.254
643472	0.121	0.0475	7.0513	0.445	0.1748	25.932	0.211	0.0829	12.296	0.603	0.2368	35.140
643489	0.113	0.0367	5.5528	0.479	0.1558	23.538	0.215	0.0699	10.565	0.491	0.1597	24.128
Mean	0.129	0.0451	6.7262	0.507	0.1767	26.459	0.285	0.0996	14.899	0.581	0.2034	30.382
S.D.	0.018	0.0068	0.9037	0.104	0.0322	5.1141	0.065	0.0219	3.3660	0.103	0.0375	5.4954

Group : VIII - 250 mg/kg/day Sex : FEMALES

ANIMAL	(Gms)	OVARIES %FBW	%BRAIN	SPLEEN (Gms)	%FBW	%BRAIN	THYMUS (Gms)	%FBW	%BRAIN	UTERUS (Gms)	%FBW	%BRAIN
643332	0.102	0.0387	5.3571	0.424	0.1609	22.269	0.209	0.0793	10.977	0.917	0.3480	48.162
643341	0.103	0.0359	5.4555	0.424	0.1476	22.458	0.258	0.0898	13.665	0.850	0.2960	45.021
643359	0.140	0.0418	7.0779	0.645	0.1925	32.609	0.505	0.1507	25.531	0.702	0.2095	35.490
643370	0.093	0.0293	4.8187	0.540	0.1702	27.979	0.284	0.0895	14.715	0.429	0.1352	22.228
643404	0.139	0.0558	6.8608	0.528	0.2118	26.061	0.221	0.0886	10.908	0.367	0.1472	18.115
643408	0.117	0.0403	6.2937	0.555	0.1913	29.855	0.302	0.1041	16.245	0.486	0.1675	26.143
643435	0.103	0.0440	5.7318	0.470	0.2009	26.155	0.298	0.1274	16.583	0.828	0.3540	46.077
643446	0.104	0.0352	5.1974	0.617	0.2086	30.835	0.202	0.0683	10.095	0.656	0.2218	32.784
643466	0.100	0.0358	4.7371	0.528	0.1891	25.012	0.281	0.1006	13.311	0.745	0.2268	35.291
Mean	0.111	0.0396	5.7256	0.526	0.1859	27.026	0.284	0.0998	14.670	0.664	0.2384	34.368
S.D.	0.017	0.0074	0.8461	0.077	0.0219	3.6026	0.091	0.0253	4.6861	0.196	0.0826	10.751

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR ONE-MONTH RECOVERY EVALUATION

Group : II - 0 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	(Gms)	HEART %FBW	%BRAIN	(Gms)	KIDNEYS %FBW	%BRAIN	(Gms)	LIVER %FBW	%BRAIN
643330	278.80	1.784	0.6399	0.053	0.0190	2.9709	1.207	0.4329	67.657	2.209	0.7923	123.82	8.689	3.1166	487.05
643377	356.00	1.893	0.5317	0.066	0.0185	3.4865	1.151	0.3233	60.803	2.706	0.7601	142.95	11.099	3.1177	586.32
643387	334.20	2.004	0.5996	0.077	0.0230	3.8423	1.125	0.3366	56.138	2.396	0.7169	119.56	8.682	2.5978	433.23
643405	375.20	1.915	0.5104	0.085	0.0227	4.4386	1.117	0.2977	58.329	2.264	0.6034	118.22	10.447	2.7844	545.54
643415	414.90	1.940	0.4676	0.087	0.0210	4.4845	1.331	0.3208	68.608	2.843	0.6852	146.55	13.441	3.2396	692.84
643425	365.00	1.982	0.5430	0.055	0.0151	2.7750	1.202	0.3293	60.646	2.429	0.6555	122.55	9.244	2.5326	466.40
643426	376.00	1.870	0.4973	0.055	0.0146	2.9412	1.331	0.3540	71.176	2.243	0.5965	119.95	10.833	2.8811	579.30
643448	329.20	2.009	0.6103	0.062	0.0188	3.0861	1.026	0.3117	51.070	2.187	0.6643	108.86	7.944	2.4131	395.42
643453	348.70	1.955	0.5607	0.059	0.0169	3.0179	1.079	0.3094	55.192	2.654	0.7611	135.75	10.507	3.0132	537.44
Mean	353.11	1.928	0.5512	0.067	0.0189	3.4492	1.174	0.3351	61.069	2.437	0.6339	126.47	10.098	2.8551	524.84
S.D.	37.832	0.072	0.0568	0.013	0.0030	0.6582	0.105	0.0402	6.7915	0.242	0.0694	12.508	1.672	0.2918	90.512

Group : VIII - 250 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	(Gms)	HEART %FBW	%BRAIN	(Gms)	KIDNEYS %FBW	%BRAIN	(Gms)	LIVER %FBW	%BRAIN
643345	313.00	1.892	0.6045	0.091	0.0291	4.8097	1.145	0.3658	60.518	2.393	0.7645	126.48	9.195	2.9377	485.99
643347	263.40	1.839	0.6982	0.074	0.0281	4.0239	0.948	0.3599	51.550	2.320	0.8808	126.16	8.942	3.3948	486.24
643351	286.30	1.853	0.6472	0.075	0.0262	4.0475	1.028	0.3591	55.478	2.282	0.7971	123.15	8.176	2.8557	441.23
643358	352.20	1.782	0.5060	0.065	0.0185	3.6476	1.111	0.3154	62.346	2.222	0.6309	124.69	10.438	2.9637	585.75
643423	294.70	1.932	0.6556	0.094	0.0319	4.8654	1.165	0.3953	60.300	2.311	0.7842	119.62	11.520	3.9091	596.27
643441	365.40	1.891	0.5175	0.061	0.0167	3.2258	1.058	0.2895	55.949	2.699	0.7386	142.73	10.501	2.8738	555.31
643444	312.70	2.024	0.6473	0.072	0.0230	3.5573	1.209	0.3866	59.733	3.458	1.1059	170.85	11.910	3.8088	588.44
643456	326.60	2.114	0.6473	0.075	0.0230	3.5478	1.122	0.3435	53.075	2.888	0.8843	136.61	11.658	3.5695	551.47
643474	272.00	1.879	0.6908	0.069	0.0254	3.6722	1.090	0.4007	58.010	2.092	0.7691	111.34	8.467	3.1129	450.61
643481	299.50	1.912	0.6384	0.068	0.0227	3.5565	0.951	0.3175	49.738	2.408	0.8040	125.94	9.126	3.0471	477.30
Mean	308.58	1.912	0.6253	0.074	0.0244	3.8954	1.083	0.3534	56.670	2.507	0.8159	130.76	9.993	3.2473	521.86
S.D.	32.733	0.095	0.0653	0.011	0.0047	0.5504	0.087	0.0369	4.2230	0.406	0.1245	16.478	1.389	0.3953	59.782

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR ONE-MONTH RECOVERY EVALUATION

Group : II - 0 mg/kg/day Sex : FEMALES

ANIMAL	OVARIES (Gms)	%FBW	%BRAIN	SPLEEN (Gms)	%FBW	%BRAIN	THYMUS (Gms)	%FBW	%BRAIN	UTERUS (Gms)	%FBW	%BRAIN
643330	0.067	0.0240	3.7556	0.575	0.2062	32.231	0.232	0.0832	13.004	0.612	0.2195	34.305
643377	0.078	0.0219	4.1204	0.581	0.1632	30.692	0.280	0.0787	14.791	0.689	0.1935	36.397
643387	0.127	0.0380	6.3373	0.474	0.1418	23.653	0.164	0.0491	8.1836	1.025	0.3067	51.148
643405	0.134	0.0357	6.9974	0.744	0.1983	38.851	0.404	0.1077	21.097	0.505	0.1346	26.371
643415	0.108	0.0260	5.5670	0.608	0.1465	31.340	0.382	0.0921	19.691	0.805	0.1940	41.495
643425	0.127	0.0348	6.4077	0.460	0.1260	23.209	0.244	0.0568	12.311	0.669	0.1833	33.754
643426	0.100	0.0266	5.3476	0.545	0.1449	29.144	0.263	0.0699	14.064	0.736	0.1957	39.358
643448	0.148	0.0450	7.3668	0.524	0.1592	26.083	0.207	0.0629	10.304	0.625	0.1899	31.110
643453	0.150	0.0430	7.6726	0.595	0.1706	30.435	0.239	0.0685	12.225	0.569	0.1632	29.105
Mean	0.115	0.0328	5.9525	0.567	0.1619	29.515	0.268	0.0754	13.963	0.693	0.1978	35.894
S.D.	0.029	0.0085	1.3740	0.084	0.0264	4.8238	0.078	0.0173	4.1511	0.153	0.0472	7.4421

Group : VIII - 250 mg/kg/day Sex : FEMALES

ANIMAL	OVARIES (Gms)	%FBW	%BRAIN	SPLEEN (Gms)	%FBW	%BRAIN	THYMUS (Gms)	%FBW	%BRAIN	UTERUS (Gms)	%FBW	%BRAIN
643345	0.135	0.0431	7.1353	0.505	0.1613	26.691	0.283	0.0904	14.958	0.592	0.1891	31.290
643347	0.114	0.0433	6.1990	0.449	0.1705	24.415	0.143	0.0543	7.7760	0.710	0.2696	38.608
643351	0.095	0.0332	5.1268	0.394	0.1376	21.263	0.176	0.0615	9.4981	0.643	0.2246	34.700
643358	0.109	0.0309	6.1167	0.451	0.1281	25.309	0.187	0.0531	10.494	0.639	0.1814	35.859
643423	0.078	0.0265	4.0373	0.882	0.2993	45.652	0.298	0.1011	15.424	0.719	0.2440	37.215
643441	0.132	0.0361	6.9804	0.611	0.1672	32.311	0.227	0.0621	12.004	1.224	0.3350	64.728
643444	0.116	0.0371	5.7312	0.516	0.1650	25.494	0.238	0.0761	11.759	0.700	0.2239	34.585
643456	0.135	0.0413	6.3860	0.593	0.1816	28.051	0.259	0.0793	12.252	0.615	0.1883	29.092
643474	0.134	0.0493	7.1315	0.503	0.1849	26.770	0.260	0.0956	13.837	0.586	0.2154	31.187
643481	0.129	0.0431	6.7469	0.470	0.1569	24.582	0.208	0.0694	10.879	0.463	0.1546	24.215
Mean	0.118	0.0384	6.1591	0.537	0.1752	28.054	0.228	0.0743	11.888	0.689	0.2226	36.148
S.D.	0.019	0.0069	0.9846	0.138	0.0470	6.8055	0.049	0.0171	2.3915	0.202	0.0516	10.899

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR THREE-MONTH RECOVERY EVALUATION

Group : II - 0 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
643383	312.70	2.305	0.7371	10.212	3.2657	0.018	0.0058
643384	315.00	2.085	0.6619	8.456	2.6944	0.016	0.0051
643402	294.90	2.222	0.7535	7.891	2.6758	0.017	0.0058
643465	345.90	2.541	0.7346	10.237	2.9595	0.017	0.0049
643484	294.60	2.451	0.8320	8.697	2.9521	0.015	0.0051
Mean	312.62	2.321	0.7438	9.099	2.9075	0.017	0.0053
S.D.	20.928	0.181	0.0606	1.069	0.2431	0.001	0.0004

Group : IV - 25 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
643379	368.10	2.367	0.6430	10.036	2.7264	0.014	0.0038
643391	326.80	2.262	0.6922	9.563	2.9263	0.017	0.0052
643437	343.10	2.505	0.7301	9.046	2.6365	0.018	0.0052
643483	299.70	2.614	0.8722	8.265	2.7578	0.024	0.0080
Mean	334.43	2.437	0.7344	9.228	2.7617	0.018	0.0056
S.D.	28.713	0.154	0.0986	0.758	0.1211	0.004	0.0018

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR THREE-MONTH RECOVERY EVALUATION

Group : VI - 100 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
643360	277.70	2.342	0.8434	8.488	3.0565	0.019	0.0068
643373	356.80	2.963	0.8304	11.626	3.2584	0.019	0.0053
643381	328.10	2.302	0.7016	9.562	2.9144	0.016	0.0049
643382	286.10	2.511	0.8777	9.100	3.1807	0.025	0.0087
643412	327.20	2.221	0.6788	9.309	2.8450	0.017	0.0052
Mean	315.18	2.468	0.7864	9.617	3.0510	0.019	0.0062
S.D.	32.764	0.296	0.0898	1.191	0.1739	0.003	0.0016

Group : VIII - 250 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
643329	368.90	3.198	0.8669	11.876	3.2193	0.017	0.0046
643356	341.10	2.497	0.7320	11.657	3.4175	0.015	0.0044
643388	286.10	2.248	0.7857	9.323	3.2587	0.021	0.0073
643450	429.70	3.379	0.7864	12.632	2.9397	0.020	0.0047
643487	312.00	2.200	0.7051	9.954	3.1904	0.024	0.0077
Mean	347.56	2.704	0.7752	11.088	3.2051	0.019	0.0057
S.D.	55.421	0.549	0.0621	1.390	0.1723	0.004	0.0016

FBW - Final Body Weight

APPENDIX N

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643143

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,

643143 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643143 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE, MANDIBLE

643145

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

643145 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643145 Continued from previous page

Histopathology :

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

HYPERPLASIA/SQUAMOUS METAPLASIA, RESPIRATORY, EPITHELIUM, mild.

643150

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

643150 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643150 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE, MANDIBLE

643162

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643162 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

NOSE :

ODONTODYSPLASIA, moderate.

No Microscopic Abnormality Observed :

KIDNEYS, MANDIBLE

643172

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643172 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYROID GLAND :
ALTERATION, COLLOID, mild.

No Microscopic Abnormality Observed :
KIDNEYS, NOSE, MANDIBLE

643185

Terminal Sacrifice
Killed on Day : 91
Exposure Group : 90-DAY EXPOSURE
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
643185 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643185 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMITES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643189 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, CENTRIOLOBULAR, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

HEART :

CARDIOMYOPATHY, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

PARATHYROID GLANDS :

NOT PRESENT.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643189 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE, MANDIBLE

643195

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643195 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

NOSE, MANDIBLE

643204

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

643204 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643204 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

LUNGS :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

HEART :

CARDIOMYOPATHY, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643205

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

LUNGS :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

HEART :

CARDIOMYOPATHY, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

EYE(S) WITH OPTIC NERVE :

FOLD/ROSETTE, RETINAL, minimal.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643205 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

KIDNEYS, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, SKIN, PROSTATE, SEMINAL
VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE
JOINT, STERNUM, BONE MARROW, NOSE, MANDIBLE

643210

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

643210 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643210 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
NECROSIS, FOCAL, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, mild.

No Microscopic Abnormality Observed :

NOSE

643226

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

TESTES :

DEFORMITY, RIGHT.

EPIDIDYMIDES :

SMALL, RIGHT.

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643226 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
THYROID GLAND :
ALTERATION, COLLOID, mild.
TESTES :
DEGENERATION/ATROPHY, SEMINIFEROUS TUBULES, UNILATERAL,
mild.

No Microscopic Abnormality Observed :
EPIDIDYIMIDES, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643232 Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

FATTY CHANGE, CENTRILOBULAR, mild.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, NOSE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643235

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

HEART :

CARDIOMYOPATHY, minimal.

THYROID GLAND :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

ALTERATION, COLLOID, minimal.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643235 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE, MANDIBLE

643237

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643237 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

NOSE, MANDIBLE

643241

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643241 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

PANCREAS :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

ATROPHY, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings

643246

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, CENTRIOBLULAR, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Macroscopic Abnormality Observed :

NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643253

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

TESTES :

SMALL, LEFT.

EPIDIDYMIDES :

SMALL, LEFT.

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643253 Continued from previous page

Histopathology :

TESTES :

DEGENERATION/ATROPHY, SEMINIFEROUS TUBULES, UNILATERAL,
severe.

EPIDIDYMIDES :

OLIGOSPERMIA/GERM CELL DEBRIS, UNILATERAL, severe.

No Microscopic Abnormality Observed :

NOSE, MANDIBLE

643262

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643262 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :
KIDNEYS, NOSE, MANDIBLE

643265

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

643265 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643265 Continued from previous page

Histopathology :

LIVER : INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYROID GLAND :
ALTERATION, COLLOID, moderate.

No Microscopic Abnormality Observed :
KIDNEYS, NOSE

643268

Terminal Sacrifice
Killed on Day : 181
Exposure Group : THREE-MONTH RECOVERY
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings
-----643268 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, mild.

HYPERPLASIA/SQUAMOUS METAPLASIA, RESPIRATORY, EPITHELIUM,
mild.

643288

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

643288 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643288 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

PANCREAS :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

PARATHYROID GLANDS :

NOT PRESENT.

PROSTATE :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL
VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE
JOINT, STERNUM, BONE MARROW, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643300

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

FATTY CHANGE, MEDIAN CLEFT, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

HEART :

CARDIOMYOPATHY, minimal.

PANCREAS :

ATROPHY, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

643300 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643300 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, CECUM, COLON, RECTUM,
MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR LYMPH
NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY
GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE, MANDIBLE

643303

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643303 Continued from previous page

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYROID GLAND :
ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :
KIDNEYS, NOSE, MANDIBLE

643304 Terminal Sacrifice
Killed on Day : 125
Exposure Group : ONE-MONTH RECOVERY
Animal is signed off from necropsy

Gross Pathology :

SPLEEN :
DEFORMITY.
MANDIBULAR LYMPH NODE :
DISCOLORATION, RED.
THYMUS :
SMALL.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I - 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643304 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY
GLAND, THYROID GLAND, PARATHYROID GLANDS, TRACHEA,
ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

MANDIBULAR LYMPH NODE :

ERYTHROCYTOSIS/ERYTHROPHAGOCYTOSIS, SINUS, mild.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, SPLEEN, THYMUS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643173 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643179 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, THYROID GLAND, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643180

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, CENTRILOBULAR, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643202

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

TESTES :

SMALL, SOFT, RIGHT.

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, EPIDIDYMIDES, FEMUR/KNEE
JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

THYROID GLAND :

ALTERATION, COLLOID, minimal.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERPLASIA/HYPERTROPHY, TRANSITIONAL CELL, EPITHELIUM,
minimal.
HYPERPLASIA/SQUAMOUS METAPLASIA, RESPIRATORY, EPITHELIUM,
minimal.
SCHWANNOMA [B].

[B] = BENIGN,

[M] = MALIGNANT

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643228

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, mild.

No Microscopic Abnormality Observed :

NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643240

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643264

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

No Microscopic Abnormality Observed :

KIDNEYS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643272 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

THYROID GLAND :

ALTERATION, COLLOID, mild.

No Microscopic Abnormality Observed :

LIVER, KIDNEYS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643290 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

FATTY CHANGE, CENTRIOBLULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643292 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643293 Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

THYROID GLAND :

ALTERATION, COLLOID, mild.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERPLASIA/HYPERTROPHY, TRANSITIONAL CELL, EPITHELIUM,
minimal.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643305

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, NASOLACRIMAL DUCT, mild.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643306

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

THYROID GLAND :

ALTERATION, COLLOID, mild.

No Microscopic Abnormality Observed :

NOSE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643308 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643310 Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, mild.

HYPERPLASIA/HYPERTROPHY, TRANSITIONAL CELL, EPITHELIUM,
mild.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643159 Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, mild.

DEGENERATION, AMELOBLASTS, minimal.

HYPERPLASIA/SQUAMOUS METAPLASIA, RESPIRATORY, EPITHELIUM,
minimal.

FRACTURE/CALLUS, TOOTH.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643169

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

NECROSIS, FOCAL, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

No Microscopic Abnormality Observed :

NOSE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643175 Accidentally Killed

Duration of dosing-days: 77

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

LIVER :

DISCOLORATION, TAN, LEFT.

No Macroscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :

HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

LUNGS :

INFLAMMATION, GRANULOMATOUS, severe.

HEART :

INFLAMMATION, SUBACUTE/CHRONIC, moderate.

THYMUS :

NOT PRESENT.

643175 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643175 Continued from previous page

Histopathology :

PARATHYROID GLANDS :

NOT PRESENT.

ESOPHAGUS :

INFLAMMATION, SUBACUTE/CHRONIC, moderate.

PROSTATE :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

TESTES :

SPERMATID RETENTION, SEMINIFEROUS TUBULES, minimal.

BONE MARROW :

HYPERPLASIA, GRANULOCYTIC, moderate.

NOSE :

DEGENERATION/NECROSIS, RESPIRATORY, EPITHELIUM, minimal.

INFLAMMATION, SUBACUTE/CHRONIC, mild.

NON-PROTOCOL TISSUE :

Moderate, ABSCESS, SUBCUTIS.

No Microscopic Abnormality Observed :

SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, ADRENAL GLANDS, PITUITARY GLAND, THYROID GLAND,
TRACHEA, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
SEMINAL VESICLES, URINARY BLADDER, EPIDIDYMIDES, FEMUR/KNEE
JOINT, STERNUM

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643181

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, mild.

HYPERPLASIA/SQUAMOUS METAPLASIA, RESPIRATORY, EPITHELIUM,
mild.

INFLAMMATION, SUBACUTE/CHRONIC, NASOLACRIMAL DUCT, mild.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643206

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
NECROSIS, FOCAL, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

No Microscopic Abnormality Observed :

NOSE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643224

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBULAR, minimal.
FATTY CHANGE, CENTRIOBULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.
HYPERTROPHY, FOLLICULAR, minimal.

No Microscopic Abnormality Observed :
KIDNEYS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643243

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBLULAR, minimal.
FATTY CHANGE, CENTRIOBLULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643247

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBLULAR, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

No Microscopic Abnormality Observed :

MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643250 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, mild.

THYROID GLAND :

ALTERATION, COLLOID, severe.

No Microscopic Abnormality Observed :

KIDNEYS, NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643257

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBLULAR, minimal.
FATTY CHANGE, CENTRIOBLULAR, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643275 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, minimal.
FATTY CHANGE, CENTRILOBULAR, minimal.

KIDNEYS :

HYPERTROPHY, TUBULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

MANDIBLE :

DEGENERATION, AMELOBLASTS, minimal.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643286

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

No Microscopic Abnormality Observed :

NOSE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643311 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBLULAR, minimal.
FATTY CHANGE, CENTRIOBLULAR, minimal.
NECROSIS, FOCAL, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, mild.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

643311 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643311 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
MANDIBLE

643314

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Microscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

643314 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643314 Continued from previous page

Histopathology :

THYROID GLAND :

ALTERATION, COLLOID, mild.

No Microscopic Abnormality Observed :
NOSE, MANDIBLE

643318

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBLULAR, minimal.

643318 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643318 Continued from previous page

Histopathology :

LIVER :

FATTY CHANGE, CENTRIOLOBULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

HYPERTROPHY, FOLLICULAR, minimal.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643149 Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

FATTY CHANGE, MEDIAN CLEFT, mild.

KIDNEYS :

CALCULUS\CALCULI, minimal.

HYPERPLASIA, TRANSITIONAL CELL, minimal.

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

HYPERPLASIA/SQUAMOUS METAPLASIA, RESPIRATORY, EPITHELIUM,
minimal.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643151

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, mild.
FOCUS OF CELLULAR ALTERATION, BASOPHILIC, minimal.

KIDNEYS :

HYPERTROPHY, TUBULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, mild.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

No Macroscopic Abnormality Observed :
MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643152

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, moderate.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643165

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, mild.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643174

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, mild.
FATTY CHANGE, CENTRILOBULAR, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

HYDRONEPHROSIS, BILATERAL, minimal.
HYPERTROPHY, TUBULAR, mild.

THYROID GLAND :

ALTERATION, COLLOID, moderate.
HYPERTROPHY, FOLLICULAR, mild.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643174 Continued from previous page

Histopathology :

MANDIBLE :

DEGENERATION, AMELOBLASTS, mild.

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA,
ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW

643178

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

643178 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643178 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
THYROID GLAND :
ALTERATION, COLLOID, severe.
NOSE :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERPLASIA/HYPERTROPHY, TRANSITIONAL CELL, EPITHELIUM,
minimal.

643193

Terminal Sacrifice
Killed on Day : 91
Exposure Group : 90-DAY EXPOSURE
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

643193 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643193 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, mild.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
HYPERTROPHY, TUBULAR, minimal.

LUNGS :

INFLAMMATION, GRANULOMATOUS, minimal.

THYROID GLAND :

ALTERATION, COLLOID, moderate.
HYPERTROPHY, FOLLICULAR, mild.

EYE(S) WITH OPTIC NERVE :

FOLD/ROSETTE, RETINAL, minimal.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

MANDIBLE :

DEGENERATION, AMELOBLASTS, mild.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643193 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, SKIN, PROSTATE, SEMINAL VESICLES, URINARY
BLADDER, TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM,
BONE MARROW

643194

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643194 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBLULAR, mild.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
HYPERTROPHY, TUBULAR, mild.

HEART :

CARDIOMYOPATHY, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.
HYPERTROPHY, FOLLICULAR, mild.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

MANDIBLE :

DEGENERATION, AMELOBLASTS, minimal.

No Microscopic Abnormality Observed :

LUNGS, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643201

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, moderate.

KIDNEYS :

HYPERTROPHY, TUBULAR, mild.

THYROID GLAND :

ALTERATION, COLLOID, moderate.
HYPERTROPHY, FOLLICULAR, minimal.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
DEGENERATION, AMELOBLASTS, mild.

MANDIBLE :

DEGENERATION, AMELOBLASTS, mild.

643201 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643201 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW

643215

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643215 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, mild.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, mild.
HYPERTROPHY, TUBULAR, mild.

THYROID GLAND :

ALTERATION, COLLOID, mild.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

MANDIBLE :

DEGENERATION, AMELOBLASTS, mild.

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA,
ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643220 Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

SEMINAL VESICLES :

SMALL, LEFT.

TESTES :

SOFT, BILATERAL.

EPIDIDYMIDES :

DEFORMITY, LEFT.

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
URINARY BLADDER, FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, mild.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643220 Continued from previous page

Histopathology :

TESTES :

DEGENERATION/ATROPHY, SEMINIFEROUS TUBULES, BILATERAL,
moderate.

EPIDIDYMIDES :

OLIGOSPERMIA/GERM CELL DEBRIS, UNILATERAL, moderate.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, SEMINAL VESICLES, MANDIBLE

643225

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643225 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, mild.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

No Microscopic Abnormality Observed :

KIDNEYS, MANDIBLE

643234

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

6432234 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOLOBULAR, mild.

KIDNEYS :

HYDRONEPHROSIS, UNILATERAL, minimal.
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

No Microscopic Abnormality Observed :
MANDIBLE

6432236

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

THYMUS :

SMALL.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643236 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBLULAR, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

No Macroscopic Abnormality Observed :

THYMUS, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643252 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBULAR, mild.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
HYPERTROPHY, TUBULAR, mild.

PANCREAS :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, moderate.
HYPERTROPHY, FOLLICULAR, mild.

EYE(S) WITH OPTIC NERVE :

OPTIC NERVE NOT PRESENT.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643252 Continued from previous page

Histopathology :

NOSE : DEGENERATION, AMELOBLASTS, mild.
MANDIBLE : DEGENERATION, AMELOBLASTS, mild.

No Microscopic Abnormality Observed :
LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW

643258

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643258 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOBLULAR, mild.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

No Microscopic Abnormality Observed :

KIDNEYS, MANDIBLE

643259

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

Animal Ref Microscopic & Macroscopic Findings

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Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRIOLOBULAR, mild.
FATTY CHANGE, CENTRIOLOBULAR, minimal.
NECROSIS, FOCAL, minimal.

KIDNEYS :
HYDRONEPHROSIS, UNILATERAL, minimal.
HYPERTROPHY, TUBULAR, minimal.

HEART :
CARDIOMYOPATHY, minimal.

PANCREAS :
ATROPHY, minimal.

THYROID GLAND :
ALTERATION, COLLOID, mild.
HYPERTROPHY, FOLLICULAR, minimal.

ESOPHAGUS :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

NOSE :
DEGENERATION, AMELOBLASTS, mild.

MANDIBLE :
DEGENERATION, AMELOBLASTS, mild.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643259 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
LUNGS, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, CECUM, COLON, RECTUM,
MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR LYMPH
NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY
GLAND, PARATHYROID GLANDS, TRACHEA, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW

643260

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643260 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, mild.
NECROSIS, FOCAL, minimal.

KIDNEYS :

HYPERTROPHY, TUBULAR, minimal.

LUNGS :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

HYPERTROPHY, FOLLICULAR, mild.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

MANDIBLE :

DEGENERATION, AMELOBLASTS, mild.

No Microscopic Abnormality Observed :

HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643266

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

HYPERTROPHY, TUBULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

No Microscopic Abnormality Observed :

NOSE, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643283

Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
NECROSIS, FOCAL, mild.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERPLASIA/HYPERTROPHY, TRANSITIONAL CELL, EPITHELIUM,
minimal.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643295 Terminal Sacrifice

Killed on Day : 181

Exposure Group : THREE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

INFLAMMATION, SUBACUTE/CHRONIC, mild.

DEGENERATION/NECROSIS, RESPIRATORY, EPITHELIUM, mild.

DEGENERATION, AMELOBLASTS, minimal.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643296 Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, mild.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

NOSE :

DEGENERATION, AMELOBLASTS, minimal.

No Microscopic Abnormality Observed :

KIDNEYS, MANDIBLE

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643298

Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, mild.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
HYPERTROPHY, TUBULAR, mild.

THYROID GLAND :

ALTERATION, COLLOID, mild.
HYPERTROPHY, FOLLICULAR, mild.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

MANDIBLE :

DEGENERATION, AMELOBLASTS, mild.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643298 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA,
ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW

643309

Accidentally Killed

Duration of dosing-days: 70

Exposure Group : REPRODUCTION

Animal is signed off from necropsy

Gross Pathology :

LIVER :

DISCOLORATION, MOTTLED, TAN.

SMALL INTESTINE :

DISTENDED WITH GAS, moderate.

SALIVARY GLANDS :

EDEMA.

SKIN :

STAIN, RED, FACE.

PLEURAL CAVITY :

FLUID, CLEAR, severe.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

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Gross Pathology :

No Macroscopic Abnormality Observed :
KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, HEPATOCYTE, CENTRIOLOBULAR, minimal.
 FATTY CHANGE, CENTRIOLOBULAR, minimal.
 NECROSIS, FOCAL, mild.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
 HYPERTROPHY, TUBULAR, mild.
LUNGS :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYMUS :
 ATROPHY, mild.
THYROID GLAND :
 ALTERATION, COLLOID, moderate.
 HYPERTROPHY, FOLLICULAR, minimal.
PARATHYROID GLANDS :
 NOT PRESENT.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643309 Continued from previous page

Histopathology :

ESOPHAGUS :
INFLAMMATION, SUBACUTE/CHRONIC, mild.
EDEMA, mild.

PHARYNX/LARYNX :
HEMORRHAGE, mild.

EYE(S) WITH OPTIC NERVE :

OPTIC NERVE NOT PRESENT.

BONE MARROW :

HYPERPLASIA, GRANULOCYTIC, mild.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

INFLAMMATION, SUBACUTE/CHRONIC, mild.

HYPERPLASIA/HYPERTROPHY, TRANSITIONAL CELL, EPITHELIUM,
mild.

MANDIBLE :

NOT PRESENT.

No Microscopic Abnormality Observed :

HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
TRACHEA, SKIN, PROSTATE, SEMINAL VESICLES, URINARY BLADDER,
TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643315 Terminal Sacrifice

Killed on Day : 91

Exposure Group : 90-DAY EXPOSURE

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, minimal.

KIDNEYS :

HYPERTROPHY, TUBULAR, mild.

HEART :

CARDIOMYOPATHY, minimal.

THYROID GLAND :

ALTERATION, COLLOID, mild.

HYPERTROPHY, FOLLICULAR, mild.

PROSTATE :

INFLAMMATION, SUBACUTE/CHRONIC, moderate.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643315 Continued from previous page

Histopathology :

NOSE :
DEGENERATION, AMELOBLASTS, mild.
HYPERPLASIA/HYPERTROPHY, TRANSITIONAL CELL, EPITHELIUM,
minimal.

MANDIBLE :
DEGENERATION, AMELOBLASTS, minimal.

No Microscopic Abnormality Observed :
LUNGS, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL
VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE
JOINT, STERNUM, BONE MARROW

643316

Terminal Sacrifice

Killed on Day : 125

Exposure Group : ONE-MONTH RECOVERY

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 250 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

643316 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITIS,
FEMUR/KNEE JOINT, STERNUM, NOSE, MANDIBLE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, mild.
FATTY CHANGE, MEDIAN CLEFT, minimal.
NECROSIS, FOCAL, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

NOSE :

DEGENERATION, AMELOBLASTS, mild.

No Microscopic Abnormality Observed :
MANDIBLE