

AR 226 - 3265

AR226-3265

TRADE SECRET

Study Title

H-25231: One-Generation Reproduction Study in Rats

Volume 3 of 3

Laboratory Project ID: DuPont-9763

AUTHOR: Eve Mylchreest, Ph.D.

STUDY COMPLETED ON: January 31, 2003

PERFORMING LABORATORY: E.I. du Pont de Nemours and Company
Haskell Laboratory for Health and Environmental Sciences
Elkton Road, P.O. Box 50
Newark, Delaware 19714-0050

WORK REQUEST NUMBER



SERVICE CODE NUMBER



APPENDIX FF
INDIVIDUAL ANIMAL PATHOLOGY DATA – P₁ ADULTS

INDIVIDUAL ANIMAL PATHOLOGY DATA – P₁ ADULTS

EXPLANATORY NOTES

Note

Microscopic Observations

For male rats, the study database reports testes and epididymides (plural); however, only one testis and one epididymidis per rat was available for examination.

KEY TO APPENDIX
INDIVIDUAL ANIMAL PATHOLOGY DATA

MODE OF DEATH

SD: SACRIFICED BY DESIGN
SE: SACRIFICED IN EXTREMIS
FD: FOUND DEAD
AK: ACCIDENTALLY KILLED (INCLUDES ANIMALS PRESENTED DEAD OR MORIBUND THAT HAVE INJURED THEMSELVES OR WERE INADVERTENTLY INJURED WHEN BEING HANDLED. IN-LIFE AND NECROPSY FINDINGS MAY BE USED TO MAKE THIS DETERMINATION.)

LESION GRADING

HISTOPATHOLOGICAL CHANGES ARE DESCRIBED ACCORDING TO THEIR MORPHOLOGIC CHARACTER, DISTRIBUTION AND SEVERITY. THE DISTRIBUTION (EXTENT OF TISSUE INVOLVEMENT) IS INDICATED, WHERE APPROPRIATE, BY MODIFIERS SUCH AS FOCAL, MULTIFOCAL, DIFFUSE, UNILATERAL, BILATERAL, ETC.; A SEVERITY SCORE, IF APPROPRIATE, IS ALSO ASSIGNED AS FOLLOWS:

PRESENT: LESION PRESENT, SEVERITY NOT GRADED.
MINIMAL: THE AMOUNT OF CHANGE PRESENT BARELY EXCEEDS THAT WHICH IS CONSIDERED TO BE WITHIN NORMAL LIMITS.
MILD: IN GENERAL, THE LESION IS EASILY IDENTIFIED BUT OF LIMITED SEVERITY. THE LESION PROBABLY DOES NOT PRODUCE ANY FUNCTIONAL IMPAIRMENT.
MODERATE: THE LESION IS PROMINENT BUT THERE IS SIGNIFICANT POTENTIAL FOR INCREASED SEVERITY. LIMITED TISSUE OR ORGAN DYSFUNCTION IS POSSIBLE.
SEVERE: THE DEGREE OF CHANGE IS EITHER AS COMPLETE AS CONSIDERED POSSIBLE OR GREAT ENOUGH IN INTENSITY OR EXTENT TO EXPECT SIGNIFICANT TISSUE OR ORGAN DYSFUNCTION.

COMMENT:

GRADES MINIMAL THROUGH SEVERE REPRESENT PROGRESSIVE INVOLVEMENT/SEVERITY ALONG A CONTINUUM WITH MINIMAL LESIONS BEING THE LEAST SEVERE AND SEVERE LESIONS BEING THE MOST SEVERE. WHILE THE GRADES REFER TO THE MORPHOLOGICAL CHARACTERISTICS OF LESIONS, THEY ALSO INDICATE THEIR RELATIVE BIOLOGICAL SIGNIFICANCE.

GROSS OBSERVATIONS LISTING MULTIPLE MASSES FOR A TISSUE ARE DISTINGUISHED WITH LETTERS (i.e., A, B, C, D, etc.)

MICROSCOPIC CORRELATE (selected lesions)

THE MICROSCOPIC CORRELATE FOR SELECTED GROSS OBSERVATIONS, PRIMARILY MASSES, IS PROVIDED TO THE RIGHT OF THE RESPECTIVE GROSS OBSERVATION.

NEOPLASM DESIGNATIONS

*B: BENIGN NEOPLASM, PRIMARY SITE
*M: MALIGNANT NEOPLASM, PRIMARY SITE
*X: MALIGNANT NEOPLASM, METASTATIC OR SECONDARY SITE

ABBREVIATIONS

NPT = NONPROTOCOL TISSUE
NOS = NOT OTHERWISE SPECIFIED
NAD = NO ABNORMALITIES DETECTED

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657391 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND
- ALTERATION, COLLOID, MILD

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657392 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:

NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS - NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657393 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: 1-0 DOSE: 0 mg/kg/day

ANIMAL #: 657394 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - FATTY CHANGE, MEDIAN CLEFT, MILD
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657395 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657396 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:

NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: EPIDIDYMIDES, PROSTATE GLAND, SEMINAL VESICLES WITH COA, TESTES

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657397 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL

KIDNEYS
LIVER

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: THYROID GLAND

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657398 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657399 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657400 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MILD

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: 1-0 DOSE: 0 mg/kg/day

ANIMAL #: 657401 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:

NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS - NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: THYROID GLAND

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657402 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:

NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657403 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657404 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657405 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657406 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657407 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS: MICROSCOPIC CORRELATE (selected lesions):
NO ABNORMALITIES DETECTED

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: 1-0 DOSE: 0 mg/kg/day

ANIMAL #: 657408 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657409 DAYS ON TEST: 60 MODE OF DEATH: SE

GROSS OBSERVATIONS:
SKIN

MICROSCOPIC CORRELATE (selected lesions):

- ULCER/EROSION, MILD, VENTRAL, NECK;
1CM DIA
- ULCER/EROSION, SEVERE, RIGHT, AXILLA;
2.5CM DIA

MICROSCOPIC OBSERVATIONS:

- KIDNEYS
 - NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- LIVER
 - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- OTHER
 - SKIN: INFLAMMATION/ULCER, MODERATE
- THYROID GLAND
 - ALTERATION, COLLOID, MINIMAL
 - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: I-0 DOSE: 0 mg/kg/day

ANIMAL #: 657410 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:
KIDNEYS

MICROSCOPIC CORRELATE (selected lesions):

- MASS, TAN, RIGHT; 5X3X3CM

MICROSCOPIC OBSERVATIONS:

KIDNEYS - *B: NEPHROBLASTOMA

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: EPIDIDYMIDES, PROSTATE GLAND, SEMINAL VESICLES WITH COA, TESTES

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day
ANIMAL #: 657416 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657417 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:
THYROID GLAND

- ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS, LIVER

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657418 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657419 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
EPIDIDYMIDES
TESTES

MICROSCOPIC CORRELATE (selected lesions):

- SMALL, BILATERAL
- SMALL, BILATERAL, OPAQUE

MICROSCOPIC OBSERVATIONS:

EPIDIDYMIDES
TESTES

- OLIGOSPERMIA/GERM CELL DEBRIS, UNILATERAL, SEVERE
- DEGENERATION/ATROPHY, SEMINIFEROUS TUBULES, UNILATERAL, SEVERE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: PROSTATE GLAND, SEMINAL VESICLES WITH COA

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657420 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS - NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MODERATE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657421 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND
- ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657422 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- KIDNEYS
 - NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- LIVER
 - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- THYROID GLAND
 - ALTERATION, COLLOID, MODERATE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657423 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- ALTERATION, COLLOID, MODERATE
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657424 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER
THYROID GLAND
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- ALTERATION, COLLOID, MILD
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657425 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS: KIDNEYS - DILATATION, MILD, RIGHT, PELVIS MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MODERATE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657426 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- ALTERATION, COLLOID, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657427 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657428 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day
ANIMAL #: 657429 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657430 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657431 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657432 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS: MICROSCOPIC CORRELATE (selected lesions):
NO ABNORMALITIES DETECTED

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657433 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657435 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:

NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: III-0 DOSE: 75 mg/kg/day

ANIMAL #: 657596 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657441 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS - NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
LIVER - HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, SEVERE
 - HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657442 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- KIDNEYS
LIVER
- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
 - HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MINIMAL
- THYROID GLAND
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
 - ALTERATION, COLLOID, MILD
 - HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657443 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:

LIVER

- DISCOLORATION, YELLOW, MIDDLE; CLEFT,
2MM DIA

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER

- FATTY CHANGE, MEDIAN CLEFT, MILD

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657444 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- KIDNEYS
 - NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
 - HYPERTROPHY, HEPATOCYTE, CENTRIOLOBULAR, MINIMAL
- LIVER
 - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- THYROID GLAND
 - ALTERATION, COLLOID, SEVERE
 - HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657445 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS
LIVER

- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- FATTY CHANGE, MEDIAN CLEFT, MINIMAL
- HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MINIMAL
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- ALTERATION, COLLOID, MINIMAL
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THYROID GLAND

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657446 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- KIDNEYS
LIVER
- THYROID GLAND
- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
 - HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MINIMAL
 - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
 - ALTERATION, COLLOID, MILD
 - HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657447 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER

- HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MINIMAL
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL

THYROID GLAND

- ALTERATION, COLLOID, MODERATE
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657448 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- KIDNEYS
LIVER
- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
 - HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MINIMAL
- THYROID GLAND
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
 - ALTERATION, COLLOID, MODERATE
 - HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657449 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- KIDNEYS
 - NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
 - HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MINIMAL
- LIVER
 - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- THYROID GLAND
 - ALTERATION, COLLOID, MILD
 - HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657450 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

LIVER - HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MINIMAL
 - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MODERATE
 - HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657451 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS - NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
LIVER - HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MINIMAL
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
THYROID GLAND - ALTERATION, COLLOID, MILD
- HYPERTROPHY, FOLLICULAR CELL, MILD

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657452 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657453 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657454 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657455 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657456 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS: NO ABNORMALITIES DETECTED MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657457 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

THYROID GLAND

- ALTERATION, COLLOID, SEVERE
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: EPIDIDYMIDES, PROSTATE GLAND, SEMINAL VESICLES WITH COA, TESTES

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657458 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657459 DAYS ON TEST: 86 MODE OF DEATH: AK

GROSS OBSERVATIONS:
ESOPHAGUS

- RUPTURE

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

OTHER - ESOPHAGUS: NO ABNORMALITY DETECTED

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: KIDNEYS, LIVER, THYROID GLAND

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: THYROID GLAND

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: V-0 DOSE: 500 mg/kg/day

ANIMAL #: 657460 DAYS ON TEST: 117 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657466 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS

LIVER

- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MILD
- INFLAMMATION, SUBACUTE/CHRONIC, MILD
- ALTERATION, COLLOID, MODERATE
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THYROID GLAND

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657467 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: EPIDIDYMIDES, PROSTATE GLAND, SEMINAL VESICLES WITH COA, TESTES

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657468 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS
LIVER

- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MILD
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- ALTERATION, COLLOID, SEVERE
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THYROID GLAND

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657469 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:

NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: EPIDIDYMIDES, PROSTATE GLAND, SEMINAL VESICLES WITH COA, TESTES

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657470 DAYS ON TEST: 114 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS

- INFARCT, MINIMAL

- PYELONEPHRITIS, UNILATERAL, MINIMAL

- HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MILD

- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL

- ALTERATION, COLLOID, SEVERE

- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

LIVER

THYROID GLAND

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day
ANIMAL #: 657471 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS
LIVER
THYROID GLAND

- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MILD
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- ALTERATION, COLLOID, SEVERE
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

* ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657472 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS
LIVER

- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MILD
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- ALTERATION, COLLOID, SEVERE
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL

THYROID GLAND

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day
ANIMAL #: 657473 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS
LIVER
THYROID GLAND

- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MILD
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- ALTERATION, COLLOID, MILD
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657474 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- KIDNEYS
LIVER
- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
 - HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MILD
 - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
 - ALTERATION, COLLOID, MILD
- THYROID GLAND

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657475 DAYS ON TEST: 115 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS: NONE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: EPIDIDYMIDES, PROSTATE GLAND, SEMINAL VESICLES WITH COA, TESTES

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657476 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

KIDNEYS
LIVER

- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
- HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MILD
- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
- ALTERATION, COLLOID, MILD
- HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THYROID GLAND

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657477 DAYS ON TEST: 42 MODE OF DEATH: AK

GROSS OBSERVATIONS: MICROSCOPIC CORRELATE (selected lesions):

- LIVER - DISCOLORATION, TAN, LINEAR, LEFT, MIDDLE
- ESOPHAGUS - PERFORATION
- SKIN - STAIN, RED, NOSE

MICROSCOPIC OBSERVATIONS:

- LIVER - NECROSIS, HEPATOCYTES, CENTRILOBULAR, MODERATE
- OTHER - ESOPHAGUS: INFLAMMATION/NECROSIS, MODERATE

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES: NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657478 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:

- KIDNEYS
LIVER
THYROID GLAND
- NEPHROPATHY, CHRONIC PROGRESSIVE, MINIMAL
 - HYPERTROPHY, HEPATOCYTE, CENTRILOBULAR, MILD
 - INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL
 - ALTERATION, COLLOID, MODERATE
 - HYPERTROPHY, FOLLICULAR CELL, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: NONE

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

INDIVIDUAL ANIMAL PATHOLOGY DATA

ADULT MALE RATS GROUP: VII-0 DOSE: 3500 mg/kg/day

ANIMAL #: 657479 DAYS ON TEST: 116 MODE OF DEATH: SD

GROSS OBSERVATIONS:
NO ABNORMALITIES DETECTED

MICROSCOPIC CORRELATE (selected lesions):

MICROSCOPIC OBSERVATIONS:
PROSTATE GLAND

- INFLAMMATION, SUBACUTE/CHRONIC, MINIMAL

THE FOLLOWING TISSUES WERE UNREMARKABLE MICROSCOPICALLY: EPIDIDYIMIDES, SEMINAL VESICLES WITH COA, TESTES

THE FOLLOWING TISSUES WERE AUTOLYZED; DEGREE OF AUTOLYSIS DID NOT PRECLUDE MICROSCOPIC EXAMINATION: NONE

THE FOLLOWING TISSUES WERE SEVERELY AUTOLYZED; MICROSCOPIC DIAGNOSES NOT MADE, ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

SECTIONS OF THE FOLLOWING TISSUES WERE NOT PRESENT FOR MICROSCOPIC EXAMINATION: NONE

SECTIONS OF THE FOLLOWING TISSUES WERE INSUFFICIENT FOR MICROSCOPIC EXAMINATION; ORGAN NOT COUNTED IN INCIDENCE TABLES:
NONE

