

STUDY NO. 96-4080

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

Reproduction Study

Unaudited Draft Final Report

Volume II of III

Submitted to: Chemical Manufacturers Association
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APPENDIX E

REPRODUCTION STUDY

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APPENDIX E
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT
1031	172				
1032	77				
1033	157				
1035	144				
1037	122				
1039	136				
1041	75				
1043	147				
1045	137				
1047	68				
1048	60				
1050	123				
1052	144				
1054	133				
1056	138				
1057	132				
1058	109				
1060	160				
1061	157				
1062	137				
1063	123				

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT
1064	151			
1066	152			
1068	158			
1070	126			
1071	164			
1072	172			
1074	172			
1076	168			
1078	158			

NO. OF ANIMALS 30

MEAN 135.7

STD. DEV. 31.0

BFG 002666

REPRODUCTION STUDY

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APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT
2031	160				
2033	182				
2034	147				
2036	172				
2037	153				
2038	122				
2040	122				
2042	108				
2044	146				
2046	121				
2048	150				
2050	119				
2052	119				
2054	148				
2056	161				
2058	185				
2060	143				
2062	137				
2064	159				
2066	157				
2067	153				

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT
2068	157				
2070	145				
2072	134				
2073	142				
2074	139				
2075	148				
2076	154				
2077	172				
2078	171				

NO. OF ANIMALS 30

MEAN 147.5

STD. DEV. 19.2

REPRODUCTION STUDY

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APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT FOOD CONSUMPTION		
		CHANGE G	ACTUAL G/INT	CHANGE G/KG/DAY
3031	184			
3032	183			
3033	96			
3034	87			
3035	102			
3037	157			
3039	121			
3041	65			
3042	65			
3043	163			
3045	149			
3046	140			
3047	172			
3048	195			
3049	113			
3050	110			
3051	148			
3052	149			
3055	168			
3057	121			
3058	124			

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT
3059	166			
3061	148			
3063	191			
3064	164			
3065	159			
3066	156			
3067	146			
3069	160			
3070	151			

NO. OF ANIMALS 30

MEAN 141.8

STD. DEV. 34.6

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT
4031	169			
4033	152			
4035	135			
4037	165			
4039	164			
4041	147			
4043	126			
4045	138			
4046	139			
4047	159			
4049	90			
4050	134			
4052	171			
4054	117			
4056	141			
4058	120			
4060	123			
4062	111			
4064	167			
4066	136			
4068	163			

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT
4070	150				
4071	148				
4072	174				
4073	169				
4074	159				
4076	105				
4077	133				
4079	107				
4081	119				

NO. OF ANIMALS 30

MEAN 141.0

STD. DEV. 22.7

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT
1531	132				
1533	75				
1535	129				
1537	128				
1538	118				
1539	127				
1540	95				
1541	126				
1542	135				
1543	137				
1545	105				
1547	66				
1549	61				
1551	140				
1553	138				
1555	120				
1557	117				
1558	115				
1559	121				
1561	107				
1563	124				

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT
1565	120			
1566	140			
1568	120			
1570	137			
1572	126			
1574	122			
1576	134			
1578	129			
1580	120			

NO. OF ANIMALS 30

MEAN 118.8

STD. DEV. 20.4

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT
2532	136				
2533	134				
2534	148				
2536	125				
2538	137				
2540	110				
2541	132				
2543	101				
2544	133				
2546	119				
2548	129				
2550	97				
2552	125				
2553	134				
2554	133				
2555	140				
2556	140				
2557	163				
2558	161				
2559	141				
2561	110				

REPRODUCTION STUDY

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APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY
2563	122			
2566	138			
2567	131			
2569	124			
2571	120			
2573	109			
2575	137			
2577	122			

NO. OF ANIMALS 29

MEAN 129.3

STD. DEV. 15.3

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT
3531	135				
3532	134				
3533	85				
3534	87				
3535	104				
3536	100				
3537	104				
3538	110				
3539	118				
3541	59				
3543	130				
3545	115				
3547	150				
3549	103				
3550	96				
3551	117				
3553	138				
3554	134				
3555	132				
3556	112				
3557	123				

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL • 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT
3558	139				
3559	157				
3560	140				
3562	143				
3564	143				
3565	129				
3566	119				
3567	133				
3568	141				

NO. OF ANIMALS 30

MEAN 121.0

STD. DEV. 21.9

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT
4531	141				
4533	143				
4535	126				
4537	142				
4538	137				
4540	133				
4542	131				
4545	96				
4546	118				
4548	75				
4549	127				
4551	139				
4552	119				
4554	142				
4555	133				
4556	108				
4557	111				
4558	107				
4560	140				
4562	136				
4563	127				

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 19

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT
4564	103				
4566	135				
4568	110				
4570	135				
4572	132				
4574	88				
4575	121				
4577	60				
4579	114				

NO. OF ANIMALS 30

MEAN 121.0

STD. DEV. 20.7

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1031	216	44	139	119.4	44
1032	118	41	89	152.1	41
1033	210	53	142	129.0	53
1035	199	55	131	127.3	55
1037	168	46	123	141.4	46
1039	179	43	125	132.3	43
1041	108	33	88	160.3	33
1043	189	42	125	124.0	42
1045	188	51	138	141.5	51
1047	107	39	83	158.1	39
1048	95	35	76	163.4	35
1050	161	38	118	138.5	38
1052	186	42	126	127.3	42
1054	172	39	122	133.3	39
1056	182	44	122	127.1	44
1057	178	46	128	137.6	46
1058	146	37	118	154.2	37
1060	184	24	121	117.2	24
1061	199	42	139	130.1	42
1062	183	46	123	126.1	46
1063	168	45	116	132.9	45

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL		CHANGE	WT. CHG. FROM WEEK 19
			G/INT	G/KG/DAY	G/INT	
1064	197	46	134	128.4	134	46
1066	195	43	127	122.0	127	43
1068	206	48	136	124.5	136	48
1070	176	50	135	149.0	135	50
1071	196	32	137	126.9	137	32
1072	217	45	147	126.0	147	45
1074	216	44	152	130.6	152	44
1076	216	48	146	126.7	146	48
1078	207	49	150	137.0	150	49
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	178.7	43.0	125.2	134.9	125.2	43.0
STD. DEV.	33.6	6.5	19.2	12.4	19.2	6.5

REPRODUCTION STUDY

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APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2031	208	48	135	122.3	48
2033	235	53	146	116.7	53
2034	195	48	142	138.4	48
2036	220	48	144	122.4	48
2037	210	57	139	127.6	57
2038	164	42	112	130.5	42
2040	151	29	102	124.5	29
2042	152	44	111	142.3	44
2044	198	52	135	130.8	52
2046	170	49	127	145.5	49
2048	197	47	128	123.0	47
2050	158	39	113	136.0	39
2052	153	34	115	140.9	34
2054	190	42	129	127.2	42
2056	210	49	144	129.4	49
2058	245	60	170	131.8	60
2060	193	50	145	143.8	50
2062	186	49	130	134.2	49
2064	215	56	154	137.3	56
2066	195	38	123	116.5	38
2067	194	41	117	112.4	41

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2068	196	39	122	115.2	39
2070	187	42	130	130.5	42
2072	178	44	123	131.4	44
2073	192	50	135	134.7	50
2074	187	48	144	147.2	48
2075	192	44	139	136.3	44
2076	194	40	129	123.6	40
2077	219	47	138	117.6	47
2078	221	50	153	130.1	50
NO. OF ANIMALS	30	30	30	30	30
MEANS	193.5	46.0	132.5	130.0	46.0
STD. DEV.	23.5	6.7	14.8	9.4	6.7

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3031	232	48	148	118.6	48
3032	236	53	153	121.7	53
3033	134	38	101	146.4	38
3034	150	63	118	166.0	63
3035	149	47	108	143.4	47
3037	203	46	130	120.4	46
3039	161	40	117	138.3	40
3041	104	39	82	161.7	39
3042	99	34	75	152.4	34
3043	216	53	144	126.6	53
3045	204	55	151	142.6	55
3046	196	56	142	140.9	56
3047	215	43	139	119.7	43
3048	246	51	154	116.4	51
3049	155	42	113	140.5	42
3050	153	43	116	147.0	43
3051	188	40	136	134.9	40
3052	192	43	132	129.0	43
3055	211	43	140	123.1	43
3057	167	46	130	150.5	46
3058	171	47	133	150.3	47

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3059	213	47	138	121.4	138	47
3061	200	52	136	130.3	136	52
3063	248	57	161	122.2	161	57
3064	216	52	140	122.8	140	52
3065	204	45	138	126.7	138	45
3066	202	46	140	130.4	140	46
3067	200	54	S	S	S	54
3069	215	55	150	133.3	150	55
3070	196	45	140	134.5	140	45

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	189.2	47.4	131.2	134.9	131.2	47.4
STD. DEV.	37.8	6.6	20.4	13.4	20.4	6.6

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4031	219	50	143	143	50
4033	199	47	121	121	47
4035	186	51	133	133	51
4037	216	51	147	147	51
4039	218	54	141	141	54
4041	192	45	129	129	45
4043	165	39	127	127	39
4045	181	43	139	139	43
4046	185	46	135	135	46
4047	204	45	147	147	45
4049	132	42	93	93	42
4050	171	37	121	121	37
4052	216	45	144	144	45
4054	154	37	119	119	37
4056	178	37	116	116	37
4058	161	41	121	121	41
4060	174	51	128	128	51
4062	147	36	107	107	36
4064	220	53	151	151	53
4066	185	49	137	137	49
4068	215	52	160	160	52

REPRODUCTION STUDY

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APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4070	198	48	138	132.2	48
4071	199	51	141	135.4	51
4072	222	48	147	123.7	48
4073	212	43	133	116.4	43
4074	204	45	140	128.6	45
4076	146	41	110	146.1	41
4077	165	32	110	123.0	32
4079	143	36	112	149.3	36
4081	156	37	123	149.1	37
NO. OF ANIMALS	30	30	30	30	30
MEANS	185.4	44.4	130.4	134.2	44.4
STD. DEV.	26.8	6.1	15.3	10.1	6.1

REPRODUCTION STUDY

96-40808

E-25
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1531	152	20	104	122.1	104
1533	116	41	83	144.9	83
1535	155	26	110	129.1	110
1537	157	29	106	124.0	106
1538	150	32	98	121.9	98
1539	157	30	122	143.2	122
1540	120	25	94	145.7	94
1541	139	13	107	134.6	107
1542	160	25	115	129.9	115
1543	161	24	102	114.1	102
1545	133	28	98	137.3	98
1547	103	37	76	149.9	76
1549	96	35	79	167.7	79
1551	170	30	114	122.6	114
1553	163	25	109	120.7	109
1555	144	24	98	123.7	98
1557	147	30	105	132.6	105
1558	129	14	97	132.5	97
1559	141	20	102	129.8	102
1561	136	29	98	134.4	98
1563	150	26	107	130.2	107

REPRODUCTION STUDY

96-40808

E-26

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY G/INT	WT. CHG. FROM WEEK 19
1555	146	26	98	122.8	98
1566	167	27	115	124.9	115
1568	143	23	99	125.5	99
1570	166	29	106	116.6	106
1572	156	30	119	140.7	119
1574	141	19	113	143.2	113
1576	163	29	114	127.9	114
1578	150	21	103	123.1	103
1580	142	22	104	132.3	104
NO. OF ANIMALS	30	30	30	30	30
MEANS	145.1	26.3	103.2	131.6	103.2
STD. DEV.	18.1	6.0	10.8	11.3	10.8

REPRODUCTION STUDY

96-40808

E-27

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2532	161	25	110	123.5	110	25
2533	155	21	102	117.6	102	21
2534	190	42	134	132.1	134	42
2536	148	23	103	125.8	103	23
2538	164	27	113	125.1	113	27
2540	141	31	101	134.1	101	31
2541	158	26	108	124.1	108	26
2543	129	28	97	140.6	97	28
2544	149	16	107	126.5	107	16
2546	156	37	114	138.2	114	37
2548	155	26	113	132.6	113	26
2550	120	23	99	152.1	99	23
2552	155	30	110	131.0	110	30
2553	159	25	105	119.5	105	25
2554	164	31	115	129.1	115	31
2555	163	23	108	118.8	108	23
2556	165	25	112	122.4	112	25
2557	181	18	116	112.4	116	18
2558	177	16	115	113.4	115	16
2559	164	23	122	133.3	122	23
2561	137	27	111	149.8	111	27

REPRODUCTION STUDY

96-40808

E-28

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2563	145	23	107	133.6	107	23
2565	ANIMAL EXPIRED					
2566	160	22	116	129.8	116	22
2567	150	19	105	124.6	105	19
2569	149	25	109	133.1	109	25
2571	142	22	102	129.8	102	22
2573	140	31	106	141.9	106	31
2575	159	22	115	129.5	115	22
2577	144	22	107	134.1	107	22
NO. OF ANIMALS	29	29	29	29	29	29
MEANS	154.5	25.1	109.7	129.6	109.7	25.1
STD. DEV.	14.7	5.7	7.4	9.4	7.4	5.7

BFG 002692

REPRODUCTION STUDY

96-40808

E-29

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3531	162	27	111	124.6	111
3532	162	28	115	129.5	115
3533	123	38	92	147.4	92
3534	125	38	102	160.4	102
3535	140	36	100	136.6	100
3536	126	26	98	144.5	98
3537	121	17	94	139.3	94
3538	135	25	97	132.0	97
3539	142	24	97	124.4	97
3541	94	35	T	T	T
3543	157	27	115	133.6	115
3545	140	25	107	139.9	107
3547	173	23	106	109.4	106
3549	138	35	106	146.6	106
3550	136	40	108	155.2	108
3551	143	26	103	132.1	103
3553	158	20	111	125.0	111
3554	167	33	115	127.4	115
3555	155	23	104	120.8	104
3556	128	16	100	138.9	100
3557	152	29	107	129.7	107

REPRODUCTION STUDY

96-40808

E-30

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY G/INT	WT. CHG. FROM WEEK 19
3558	174	35	129	137.4	35
3559	175	18	114	114.5	18
3560	166	26	122	132.9	26
3562	158	15	115	127.4	15
3564	167	24	114	122.6	24
3565	145	16	107	130.2	16
3566	144	25	108	136.9	25
3567	161	28	127	144.0	28
3568	174	33	122	129.1	33

T = TECHNICAL PROBLEM

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	148.0	27.0	108.5	133.5	108.5	27.0
STD. DEV.	19.4	7.1	9.4	11.2	9.4	7.1

REPRODUCTION STUDY

96-40808

E-31
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4531	171	30	116	123.9	116	30
4533	157	14	142	157.8	142	14
4535	152	26	107	128.3	107	26
4537	162	20	109	119.5	109	20
4538	167	30	117	128.3	117	30
4540	166	33	116	129.3	116	33
4542	159	28	119	136.8	119	28
4545	127	31	96	143.5	96	31
4546	142	24	108	138.5	108	24
4548	111	36	91	163.1	91	36
4549	157	30	122	143.2	122	30
4551	170	31	120	129.4	120	31
4552	156	37	116	140.6	116	37
4554	169	27	122	130.8	122	27
4555	158	25	109	124.9	109	25
4556	134	26	109	150.1	109	26
4557	142	31	110	144.9	110	31
4558	139	32	106	143.6	106	32
4560	168	28	115	124.5	115	28
4562	159	23	107	120.9	107	23
4563	151	24	109	130.7	109	24

REPRODUCTION STUDY

96-4080B

E-32

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 20

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	130	27	105	150.2	105	27
4566	166	31	122	135.1	122	31
4568	141	31	109	144.8	109	31
4570	156	21	108	123.7	108	21
4572	160	28	120	137.0	120	28
4574	115	27	97	159.3	97	27
4575	140	19	102	130.3	102	19
4577	86	26	78	178.1	78	26
4579	142	28	110	143.2	110	28
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	148.4	27.5	110.6	138.5	110.6	27.5
STD. DEV.	19.8	4.9	11.4	13.8	11.4	4.9

REPRODUCTION STUDY

96-40808

E-33

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1031	261	45	154	107.6	15
1032	181	63	124	138.2	35
1033	274	64	181	124.7	39
1035	255	56	154	113.1	23
1037	218	50	141	121.8	18
1039	234	55	144	116.2	19
1041	151	43	114	146.7	26
1043	235	46	137	107.7	12
1045	251	63	169	128.3	31
1047	167	60	127	154.5	44
1048	146	51	112	154.9	36
1050	ANIMAL EXPIRED				
1052	244	58	151	117.1	25
1054	224	52	159	133.8	37
1056	242	60	155	121.9	33
1057	232	54	154	125.2	26
1058	197	51	144	139.9	26
1060	249	65	152	117.0	31
1061	255	56	152	111.6	13
1062	242	59	145	113.7	22
1063	221	53	142	121.7	26

REPRODUCTION STUDY

96-40808

E-34

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1064	251	54	157	116.8	23
1066	244	49	147	111.6	20
1068	259	53	150	107.5	14
1070	235	59	161	130.6	26
1071	256	60	154	113.6	17
1072	281	64	172	115.1	25
1074	268	52	166	114.3	14
1076	277	61	178	120.4	32
1078	264	57	177	125.3	27
NO. OF ANIMALS	29	29	29	29	29
MEANS	235.0	55.6	150.8	123.1	25.3
STD. DEV.	35.5	5.9	17.2	13.2	8.4

REPRODUCTION STUDY

96-40808

E-35

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2031	257	49	151	108.2	16	97
2033	298	63	177	110.7	31	116
2034	251	56	163	121.8	21	104
2036	288	68	183	120.1	39	116
2037	262	52	167	117.9	28	109
2038	218	54	143	124.8	31	96
2040	195	44	121	116.6	19	73
2042	208	56	140	129.6	29	100
2044	255	57	166	122.1	31	109
2046	222	52	148	125.9	21	101
2048	255	58	154	113.6	26	105
2050	196	38	S	S	S	77
2052	189	36	122	118.9	7	70
2054	242	52	142	109.6	13	94
2056	267	57	161	112.5	17	106
2058	314	69	190	113.3	20	129
2060	234	41	148	115.5	3	91
2062	240	54	142	111.1	12	103
2064	276	61	175	118.8	21	117
2066	260	65	154	112.8	31	103
2067	255	61	155	115.1	38	102

REPRODUCTION STUDY

96-4080B

E-36

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2068	250	54	145	108.4	23
2070	236	49	150	118.2	20
2072	234	56	148	119.7	25
2073	242	50	156	119.8	21
2074	238	51	158	123.9	14
2075	243	51	166	127.2	27
2076	244	50	151	114.9	22
2077	276	57	157	105.7	19
2078	280	59	184	122.4	31

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	247.5	54.0	155.8	117.2	22.6	100.0
STD. DEV.	29.3	7.8	16.3	6.1	8.4	12.5

REPRODUCTION STUDY

96-40808

E-37

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION CHANGE G/INT	WT. CHG. FROM WEEK 19	
3031	284	52	169	109.2	21	100
3032	296	60	172	107.8	19	113
3033	182	48	134	141.4	33	86
3034	206	56	149	139.5	31	119
3035	188	39	129	127.6	21	86
3037	260	57	158	113.8	28	103
3039	211	50	135	121.0	18	90
3041	156	52	120	153.8	38	91
3042	145	46	109	148.9	34	80
3043	273	57	163	111.1	19	110
3045	252	48	176	128.7	25	103
3046	255	59	177	130.8	35	115
3047	276	61	161	109.3	22	104
3048	312	66	180	107.5	26	117
3049	209	54	132	120.9	19	96
3050	197	44	131	124.8	15	87
3051	228	40	141	113.0	5	80
3052	246	54	153	116.4	21	97
3055	254	43	147	105.4	7	86
3057	218	51	151	130.7	21	97
3058	224	53	147	124.1	14	100

REPRODUCTION STUDY

96-40808

E-38

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3059	266	53	157	109.3	19
3061	256	56	159	116.2	23
3063	308	60	182	109.1	21
3064	271	55	165	112.9	25
3065	254	50	170	123.7	32
3066	248	46	165	122.2	25
3067	268	68	189	134.6	T
3069	282	67	180	120.7	30
3070	248	52	166	124.6	26

T = TECHNICAL PROBLEM

NO. OF ANIMALS	30	30	30	30	29	30
MEANS	242.4	53.2	155.6	122.0	23.2	100.7
STD. DEV.	41.8	7.3	20.0	12.6	7.7	12.3

REPRODUCTION STUDY

96-40808

E-39

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4031	279	60	164	109.8	21
4033	255	56	147	107.9	26
4035	245	59	150	116.0	17
4037	285	69	172	114.4	25
4039	276	58	166	112.0	25
4041	251	59	156	117.4	27
4043	207	42	135	121.0	8
4045	233	52	150	120.8	11
4046	241	56	157	122.8	22
4047	258	54	162	116.9	15
4049	190	58	139	143.9	46
4050	227	56	147	123.1	26
4052	280	64	168	112.9	24
4054	191	37	128	123.7	9
4056	214	36	128	108.8	12
4058	210	49	147	132.1	26
4060	227	53	148	123.0	20
4062	191	44	126	124.3	19
4064	270	50	164	111.6	13
4066	246	61	160	123.7	23
4068	272	57	173	118.4	13

REPRODUCTION STUDY

96-40808

E-40
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION CHANGE G/INT	WT. CHG. FROM WEEK 19
4070	257	59	164	120.1	26
4071	260	61	169	122.7	28
4072	271	49	158	106.8	11
4073	260	48	150	105.9	17
4074	262	58	159	113.7	19
4076	194	48	132	129.4	22
4077	204	39	125	112.9	15
4079	175	32	118	123.7	6
4081	194	38	132	125.7	9
NO. OF ANIMALS	30	30	30	30	30
MEANS	237.5	52.1	149.8	118.9	19.4
STD. DEV.	33.0	9.2	15.8	8.3	8.3
					14.3

REPRODUCTION STUDY

96-40808

E-41

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
1531	177	25	110	111.4	6	45
1533	159	43	116	140.6	33	84
1535	181	26	119	118.1	9	52
1537	174	17	91	91.6	-15	46
1538	185	35	120	119.4	22	67
1539	176	19	116	116.1	-6	49
1540	144	24	104	131.3	10	49
1541	163	24	107	118.1	0	37
1542	177	17	108	106.8	-7	42
1543	181	20	105	102.3	3	44
1545	159	26	105	119.9	7	54
1547	148	45	105	139.4	29	82
1549	132	36	99	144.7	20	71
1551	196	26	125	113.8	11	56
1553	194	31	120	112.0	11	56
1555	164	20	106	114.7	8	44
1557	169	22	114	120.3	9	52
1558	157	28	101	117.7	4	42
1559	156	15	95	106.6	-7	35
1561	159	23	104	117.5	6	52
1563	174	24	112	115.2	5	50

REPRODUCTION STUDY

96-40808

E-42

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1565	170	24	105	110.8	7
1566	186	19	116	109.5	1
1568	156	13	97	108.1	-2
1570	194	28	121	112.0	15
1572	181	25	127	125.6	8
1574	161	20	110	121.4	-3
1576	183	20	119	114.6	5
1578	165	15	105	111.1	2
1580	166	24	100	108.2	-4
NO. OF ANIMALS	30	30	30	30	30
MEANS	169.6	24.5	109.4	116.6	6.2
STD. DEV.	15.2	7.6	9.1	11.2	10.4

REPRODUCTION STUDY

96-40808

E-43

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION CHANGE G/KG/DAY	WT. CHG. FROM WEEK 19
2532	190	29	120	114.0	10
2533	184	29	115	113.1	13
2534	199	9	115	98.5	-19
2536	178	30	118	120.7	15
2538	192	28	111	103.9	-2
2540	168	27	109	117.6	8
2541	184	26	115	112.1	7
2543	159	30	118	136.6	21
2544	160	11	101	109.0	-6
2546	183	27	119	117.0	5
2548	173	18	104	105.7	-9
2550	136	16	101	131.5	2
2552	172	17	109	111.1	-1
2553	182	23	110	107.5	5
2554	194	30	120	111.7	5
2555	193	30	127	118.9	19
2556	184	19	125	119.4	13
2557	201	20	119	103.8	3
2558	199	22	127	112.6	12
2559	175	11	116	114.1	-6
2561	165	28	106	117.0	-5

REPRODUCTION STUDY

96-4080B

E-44

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2563	173	28	111	116.4	4	51
2566	183	23	117	113.7	1	45
2567	173	23	S	S	S	42
2569	164	15	106	112.9	-3	40
2571	158	16	101	112.2	-1	38
2573	168	28	121	131.0	15	59
2575	183	24	121	117.9	6	46
2577	166	22	119	128.0	12	44

S = SPILLAGE

NO. OF ANIMALS	29	29	28	28	28	29
MEANS	177.2	22.7	114.3	115.3	4.4	47.9
STD. DEV.	14.7	6.4	7.6	8.6	9.1	8.8

REPRODUCTION STUDY

96-40808

E-45

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
3531	186	24	114	109.2	3	51
3532	191	29	123	116.1	8	57
3533	148	25	107	131.6	15	63
3534	155	30	113	134.5	11	68
3535	164	24	110	120.6	10	60
3536	152	26	106	127.1	8	52
3537	142	21	95	120.4	1	38
3538	157	22	110	125.6	13	47
3539	154	12	98	110.4	1	36
3541	127	33	102	153.8	7	68
3543	193	36	130	123.8	15	63
3545	160	20	115	127.8	8	45
3547	197	24	114	102.7	8	47
3549	164	26	108	119.2	2	61
3550	155	19	111	127.1	3	59
3551	162	19	112	122.4	9	45
3553	182	24	108	105.9	-3	44
3554	191	24	124	115.5	9	57
3555	178	23	123	123.1	19	46
3556	152	24	115	136.9	15	40
3557	166	14	112	117.4	5	43

REPRODUCTION STUDY

96-40808

E-46

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
3558	184	10	118	109.9	-11	45
3559	203	28	128	112.9	14	46
3560	200	34	132	120.2	10	60
3562	197	39	132	123.9	17	54
3564	189	22	126	118.0	12	46
3565	162	17	106	115.1	-1	33
3566	174	30	120	125.8	12	55
3567	193	32	136	128.1	9	60
3568	204	30	135	119.0	13	63

T = TECHNICAL PROBLEM

NO. OF ANIMALS	30	30	30	30	29	30
MEANS	172.7	24.7	116.1	121.5	8.1	51.7
STD. DEV.	20.6	6.8	10.8	10.1	6.7	9.6

REPRODUCTION STUDY

96-40808

E-47 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
4531	207	36	126	111.1	10	66
4533	193	36	118	112.4	-24	50
4535	181	29	114	114.1	7	55
4537	189	27	115	109.2	6	47
4538	192	25	118	109.6	1	55
4540	197	31	121	111.1	5	64
4542	179	20	110	108.5	-9	48
4545	148	21	107	129.7	11	52
4546	162	20	105	115.1	-3	44
4548	154	43	120	150.9	29	79
4549	184	27	129	126.1	7	57
4551	207	37	131	115.8	11	68
4552	189	33	123	118.8	7	70
4554	201	32	123	110.8	1	59
4555	190	32	119	114.0	10	57
4556	161	27	111	125.4	2	53
4557	167	25	113	121.9	3	56
4558	163	24	109	120.3	3	56
4560	195	27	128	117.5	13	55
4562	181	22	111	108.8	4	45
4563	174	23	115	117.9	6	47

REPRODUCTION STUDY

96-40808

E-48

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 21

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	154	24	105	123.2	0
4566	189	23	126	118.3	4
4568	171	30	112	119.7	3
4570	176	20	115	115.5	7
4572	187	27	124	119.1	4
4574	132	17	104	140.4	7
4575	165	25	101	110.4	-1
4577	102	16	92	163.1	14
4579	161	19	110	121.0	0
NO. OF ANIMALS	30	30	30	30	30
MEANS	175.0	26.6	115.2	120.0	4.6
STD. DEV.	22.8	6.4	9.1	12.4	8.5
					9.0

REPRODUCTION STUDY

96-40808

E-49

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1031	310	49	168	98.1	14
1032	236	55	158	126.3	34
1033	331	57	192	105.8	11
1035	307	52	166	98.5	12
1037	260	42	156	108.8	15
1039	280	46	146	94.7	2
1041	193	42	126	122.1	12
1043	278	43	147	95.5	10
1045	301	50	171	103.3	2
1047	223	56	151	129.1	24
1048	190	44	130	129.0	18
1052	292	48	164	102.0	13
1054	273	49	160	107.3	1
1056	287	45	161	101.4	6
1057	279	47	151	98.5	-3
1058	244	47	149	112.6	5
1060	305	56	185	111.3	33
1061	304	49	177	105.5	25
1062	301	59	161	98.8	16
1063	276	55	152	101.9	10
1064	303	52	174	104.7	17

REPRODUCTION STUDY

96-40808

E-50

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
1066	271	27	146	94.5	-1	119
1068	312	53	168	98.1	18	154
1070	286	51	175	112.0	14	160
1071	299	43	159	95.5	5	135
1072	321	40	178	98.6	6	149
1074	306	38	166	96.4	0	134
1076	319	42	173	96.8	-5	151
1078	321	57	174	99.1	-3	163
NO. OF ANIMALS	29	29	29	29	29	29
MEANS	283.0	48.1	161.5	105.0	10.7	146.9
STD. DEV.	36.1	7.0	15.0	10.2	10.1	13.6

REPRODUCTION STUDY

96-40808

E-51

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2031	303	46	162	96.4	11	143
2033	358	60	191	97.1	14	176
2034	311	60	191	113.3	28	164
2036	347	59	196	102.9	13	175
2037	325	63	187	106.2	20	172
2038	271	53	157	107.0	14	149
2040	229	34	138	108.5	17	107
2042	265	57	168	118.4	28	157
2044	302	47	182	108.9	16	156
2046	278	56	174	116.0	26	157
2048	307	52	173	102.6	19	157
2050	235	39	136	105.2	T	116
2052	222	33	128	103.8	6	103
2054	294	52	166	103.2	24	146
2056	328	61	180	100.8	19	167
2058	370	56	205	99.9	15	185
2060	274	40	154	101.0	6	131
2062	297	57	176	109.2	34	160
2064	333	57	190	104.0	15	174
2066	312	52	173	100.8	19	155
2067	315	60	178	104.1	23	162

REPRODUCTION STUDY

96-40808

E-52

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY G/INT	WT. CHG. FROM WEEK 19
2068	294	44	157	96.2	137
2070	286	50	167	106.6	141
2072	279	45	161	104.6	145
2073	288	46	170	106.9	146
2074	293	55	183	114.9	154
2075	290	47	177	110.7	142
2076	288	44	168	105.3	134
2077	326	50	174	96.3	154
2078	340	60	192	103.2	169

T = TECHNICAL PROBLEM

NO. OF ANIMALS	30	30	30	30	29	30
MEANS	298.7	51.2	171.8	105.1	17.3	151.1
STD. DEV.	35.0	8.1	17.8	5.7	6.7	19.6

REPRODUCTION STUDY

96-40808

E-53

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3031	350	66	194	102.0	25
3032	342	46	184	96.1	12
3033	222	40	144	118.8	10
3034	258	52	173	124.3	24
3035	228	40	136	109.0	7
3037	304	44	167	98.7	9
3039	249	38	142	102.9	7
3041	194	38	134	127.6	14
3042	183	38	121	123.0	12
3043	318	45	177	99.8	14
3045	292	40	184	112.7	8
3046	309	54	201	118.8	24
3047	323	47	174	96.8	13
3048	346	34	186	94.2	6
3049	257	48	148	105.9	16
3050	237	40	140	107.5	9
3051	262	34	151	102.7	10
3052	300	54	164	100.1	11
3055	298	44	159	96.0	12
3057	258	40	172	120.4	21
3058	282	58	168	110.7	21

REPRODUCTION STUDY

96-40808

E-54

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3059	315	49	162	92.9	5	149
3061	309	53	175	103.2	16	161
3063	343	35	178	91.1	-4	152
3064	320	49	174	98.1	9	156
3065	297	43	191	115.5	21	138
3066	286	38	178	111.1	13	130
3067	320	52	200	113.4	11	174
3069	339	57	201	107.9	21	179
3070	291	43	175	108.2	9	140
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	287.7	45.3	168.4	107.0	12.9	146.0
STD. DEV.	44.5	7.9	21.2	10.0	6.6	17.2

REPRODUCTION STUDY

96-4080B

E-55

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4031	322	43	178	98.7	14
4033	302	47	165	98.7	18
4035	305	60	176	106.7	26
4037	341	56	188	100.1	16
4039	319	43	169	94.7	3
4041	305	54	176	105.5	20
4043	243	36	149	110.4	14
4045	285	52	173	111.3	23
4046	293	52	179	111.7	22
4047	294	36	167	100.8	5
4049	246	56	169	129.2	30
4050	273	46	168	112.0	21
4052	327	47	188	103.2	20
4054	230	39	131	103.7	3
4056	245	31	130	94.4	2
4058	259	49	161	114.4	14
4060	277	50	162	107.1	14
4062	240	49	140	108.3	14
4064	319	49	171	96.8	7
4066	297	51	184	113.0	24
4068	308	36	171	98.3	-2

REPRODUCTION STUDY

96-40808

E-56

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4070	315	58	179	104.3	15
4071	318	58	187	107.8	18
4072	306	35	161	93.0	3
4073	311	51	169	98.7	19
4074	299	37	172	102.2	13
4076	242	48	150	114.7	18
4077	234	30	123	93.6	-2
4079	210	35	126	109.1	8
4081	238	44	152	117.3	20
NO. OF ANIMALS	30	30	30	30	30
MEANS	283.4	45.9	163.8	105.3	14.0
STD. DEV.	35.6	8.5	18.5	8.2	8.4

REPRODUCTION STUDY

96-40808

E-57

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1531	180	3	110	102.7	0
1533	183	24	124	120.9	8
1535	200	19	131	114.6	12
1537	198	24	100	89.6	9
1538	203	18	128	110.0	8
1539	200	24	126	111.7	10
1540	164	20	113	122.3	9
1541	182	19	120	115.9	13
1542	194	17	109	97.9	1
1543	195	14	110	97.5	5
1545	182	23	116	113.4	11
1547	165	17	111	118.2	6
1549	150	18	112	132.4	13
1551	221	25	134	107.1	9
1553	212	18	130	106.7	10
1555	182	18	121	116.6	15
1557	184	15	110	103.9	-4
1558	173	16	105	106.1	4
1559	165	9	99	102.8	4
1561	178	19	108	106.8	4
1563	183	9	110	102.7	-2

REPRODUCTION STUDY

95-40808

E-58

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL		CHANGE	WT. CHG. FROM WEEK 19
			G/INT	G/KG/DAY	G/INT	
1565	188	18	112	104.3	7	68
1566	209	23	117	98.7	1	69
1568	174	18	107	108.1	10	54
1570	222	28	127	101.8	6	85
1572	182	1	137	125.8	10	56
1574	178	17	110	108.2	0	56
1576	211	28	124	104.9	5	77
1578	179	14	105	101.7	0	50
1580	178	12	103	99.8	3	58
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	187.2	17.6	115.6	108.4	6.2	68.4
STD. DEV.	17.2	6.4	10.4	9.3	4.9	14.9

REPRODUCTION STUDY

96-40808

E-59

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2532	205	15	122	103.0	2	69
2533	199	15	121	105.3	6	65
2534	233	34	142	109.6	27	85
2536	199	21	131	115.8	13	74
2538	210	18	121	100.3	10	73
2540	188	20	119	111.4	10	78
2541	199	15	120	104.4	5	67
2543	173	14	122	122.5	4	72
2544	177	17	111	109.8	10	44
2546	190	7	127	113.5	8	71
2548	189	16	112	103.1	8	60
2550	156	20	115	131.3	14	59
2552	182	10	109	102.6	0	57
2553	199	17	114	99.7	4	65
2554	212	18	124	101.8	4	79
2555	205	12	125	104.7	-2	65
2556	203	19	138	118.9	13	63
2557	218	17	126	100.2	7	55
2558	205	6	117	96.5	-10	44
2559	208	33	136	118.4	20	67
2561	181	16	116	111.8	10	71

REPRODUCTION STUDY

96-40808

E-60

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2563	189	16	124	114.2	13	67
2566	201	18	128	111.1	11	63
2567	175	2	112	107.3	T	44
2569	181	17	106	102.4	0	57
2571	184	26	126	122.8	25	64
2573	185	17	137	129.4	16	76
2575	186	3	115	103.9	-6	49
2577	176	10	115	112.1	-4	54

T = TECHNICAL PROBLEM

NO. OF ANIMALS	29	29	29	29	28	29
MEANS	193.4	16.2	121.8	109.9	7.8	64.0
STD. DEV.	16.0	7.2	9.1	9.0	8.6	10.6

REPRODUCTION STUDY

96-40808

E-61
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION G/INT	ACTUAL G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3531	200	14	117	101.0	3	65
3532	201	10	121	102.9	-2	67
3533	162	14	113	121.5	6	77
3534	170	15	119	122.1	6	83
3535	175	11	117	115.0	7	71
3536	169	17	109	113.2	3	69
3537	152	10	98	111.1	3	48
3538	167	10	105	108.0	-5	57
3539	173	19	110	112.1	12	55
3541	148	21	112	135.8	10	89
3543	208	15	130	108.1	0	78
3545	177	17	116	114.7	1	62
3547	215	18	120	97.1	6	65
3549	183	19	113	108.5	5	80
3550	173	18	112	113.8	1	77
3551	168	6	109	110.1	-3	51
3553	192	10	115	102.5	7	54
3554	223	32	136	109.5	12	89
3555	204	26	123	107.3	0	72
3556	165	13	123	129.3	8	53
3557	192	26	120	111.7	8	69

REPRODUCTION STUDY

96-4080B

E-62

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3558	230	46	146	117.6	28	91
3559	228	25	135	104.4	7	71
3560	228	28	144	112.1	12	88
3562	213	16	139	113.0	7	70
3564	203	14	129	109.7	3	60
3565	172	10	113	112.8	7	43
3566	193	19	126	114.4	6	74
3567	201	8	136	115.1	0	68
3568	215	11	135	107.4	0	74
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	190.0	17.3	121.4	112.1	5.3	69.0
STD. DEV.	23.7	8.3	12.0	7.9	6.2	12.7

REPRODUCTION STUDY

96-40808

E-63

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY G/INT	WT. CHG. FROM WEEK 19
4531	230	23	135	103.0	9
4533	213	20	125	102.6	7
4535	196	15	118	104.3	4
4537	195	6	115	99.8	0
4538	210	18	127	105.3	9
4540	228	31	137	107.5	16
4542	186	7	113	103.2	3
4545	162	14	104	111.8	-3
4546	181	19	109	105.9	4
4548	176	22	134	135.4	14
4549	199	15	128	111.4	-1
4551	216	9	134	105.6	3
4552	205	16	122	103.2	-1
4554	214	13	128	102.8	5
4555	199	9	121	103.7	2
4556	177	16	114	112.4	3
4557	187	20	117	110.2	4
4558	184	21	111	106.6	2
4560	212	17	136	111.4	8
4562	201	20	123	107.3	12
4563	187	13	113	104.3	-2

REPRODUCTION STUDY

96-40808

E-64

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 22

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	171	17	120	123.1	15	68
4566	206	17	132	111.4	6	71
4568	183	12	118	111.1	6	73
4570	191	15	119	108.1	4	56
4572	205	18	124	105.4	0	73
4574	157	25	110	126.9	6	69
4575	182	17	110	105.7	9	61
4577	120	18	91	136.6	-1	60
4579	180	19	117	114.4	7	66
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	191.8	16.7	120.2	110.0	5.0	70.8
STD. DEV.	22.4	5.3	10.5	9.1	5.0	10.9

REPRODUCTION STUDY

96-40808

E-65

APPENDIX E (CONT.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
1031	347	37	167	84.7	-1	175
1032	287	51	154	98.2	-4	210
1033	376	45	186	87.7	-6	219
1035	347	40	169	86.1	3	203
1037	292	32	155	93.6	-1	170
1039	317	37	146	81.5	0	181
1041	242	49	135	103.4	9	167
1043	306	28	142	81.1	-5	159
1045	339	38	175	91.1	4	202
1047	274	51	165	110.7	14	206
1048	231	41	127	100.6	-3	171
1052	330	38	164	87.9	0	186
1054	306	33	152	87.5	-8	173
1056	327	40	159	86.3	-2	189
1057	320	41	157	87.4	6	188
1058	268	24	150	97.7	1	159
1060	343	38	170	87.4	-15	183
1061	343	39	177	91.2	0	186
1062	345	44	158	81.5	-3	208
1063	320	44	156	87.2	4	197
1064	335	32	166	86.7	-8	184

REPRODUCTION STUDY

96-40808

E-66

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL - 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
1066	295	24	132	77.7	-14	143
1068	355	43	165	82.5	-3	197
1070	328	42	171	92.8	-4	202
1071	331	32	161	85.2	2	167
1072	352	31	161	79.7	-17	180
1074	337	31	159	82.4	-7	165
1076	353	34	167	82.8	-6	185
1078	369	48	191	92.3	17	211
NO. OF ANIMALS	29	29	29	29	29	29
MEANS	321.2	38.2	159.9	88.8	-1.6	185.0
STD. DEV.	35.3	7.3	14.6	7.6	7.6	18.4

REPRODUCTION STUDY

96-40808

E-67

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2031	340	37	169	87.6	7
2033	407	49	184	80.2	-7
2034	351	40	187	94.2	-4
2036	397	50	196	87.8	0
2037	364	39	186	90.0	-1
2038	310	39	163	93.5	6
2040	262	33	139	94.4	1
2042	310	45	165	95.7	-3
2044	329	27	169	89.3	-13
2046	332	54	185	101.1	11
2048	361	54	179	89.3	6
2050	279	44	156	101.2	20
2052	247	25	126	89.6	-2
2054	333	39	160	85.1	-6
2056	350	22	171	84.1	-9
2058	409	39	198	84.7	-7
2060	305	31	159	91.5	5
2062	332	35	164	86.9	-12
2064	369	36	178	84.5	-12
2066	347	35	173	87.5	0
2067	356	41	173	85.9	-5

REPRODUCTION STUDY

96-40808

E-68

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2068	321	27	146	79.1	-11
2070	327	41	163	88.6	-4
2072	320	41	159	88.5	-2
2073	333	45	182	97.7	12
2074	339	46	192	101.3	9
2075	329	39	171	92.1	-6
2076	317	29	156	86.0	-12
2077	362	36	165	79.9	-9
2078	376	36	190	88.5	-2
NO. OF ANIMALS	30	30	30	30	30
MEANS	337.1	38.5	170.1	89.5	-1.7
STD. DEV.	37.1	8.0	16.6	5.9	8.2
					23.5

REPRODUCTION STUDY

96-40808

E-69
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
3031	394	44	197	88.3	3	210
3032	376	34	181	84.0	-3	193
3033	253	31	149	104.6	5	157
3034	305	47	178	105.4	5	218
3035	288	60	155	100.1	19	186
3037	336	32	163	84.9	-4	179
3039	279	30	143	90.3	1	158
3041	233	39	139	108.5	5	168
3042	220	37	136	112.5	15	155
3043	351	33	168	83.7	-9	188
3045	320	28	164	89.3	-20	171
3046	326	17	174	91.3	-27	186
3047	344	21	181	80.5	-13	172
3048	376	30	165	76.2	-21	181
3049	295	38	144	87.0	-4	182
3050	268	31	140	92.4	0	158
3051	290	28	147	88.8	-4	142
3052	337	37	164	85.8	0	188
3055	311	13	145	79.4	-14	143
3057	297	39	180	108.1	8	176
3058	324	42	169	93.0	1	200

REPRODUCTION STUDY

96-40808

E-70

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3059	347	32	161	81.1	-1	181
3061	348	39	162	82.2	-13	200
3063	365	22	170	80.0	-8	174
3064	352	32	175	86.8	1	188
3065	328	31	180	96.0	-11	169
3066	303	17	155	87.7	-23	147
3067	367	47	202	98.0	2	221
3069	367	28	187	88.3	-14	207
3070	320	29	170	92.7	-5	169
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	320.7	32.9	164.1	90.9	-4.3	178.9
STD. DEV.	42.8	9.8	16.9	9.5	10.8	20.8

REPRODUCTION STUDY

96-4080B

E-71 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4031	362	40	178	86.7	0
4033	343	41	161	83.2	-4
4035	355	50	182	91.9	6
4037	375	34	183	85.2	-5
4039	352	33	163	81.0	-6
4041	346	41	175	89.6	-1
4043	288	45	160	100.4	11
4045	325	40	172	94.0	-1
4046	332	39	176	93.9	-3
4047	324	30	158	85.2	-9
4049	299	53	185	113.1	16
4050	308	35	166	95.2	-2
4052	355	28	171	83.6	-17
4054	266	36	138	92.7	7
4056	268	23	133	86.4	3
4058	299	40	163	97.4	2
4060	313	36	162	91.5	0
4062	275	35	152	98.4	12
4064	357	38	172	84.8	1
4066	343	46	187	97.4	3
4068	345	37	168	85.8	-3

REPRODUCTION STUDY

96-40808

E-72

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4070	356	41	176	87.4	-3
4071	357	39	180	88.9	-7
4072	343	37	162	83.2	1
4073	350	39	170	85.7	1
4074	338	39	172	90.0	0
4076	288	46	153	96.2	3
4077	269	35	136	90.1	13
4079	248	38	132	96.1	6
4081	286	48	169	107.5	17
NO. OF ANIMALS	30	30	30	30	30
MEANS	322.2	38.7	165.2	91.4	1.4
STD. DEV.	35.3	6.3	15.1	7.4	22.8

REPRODUCTION STUDY

96-40808

E-73

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION		CHANGE G/INT	WT. CHG. FROM WEEK 19
			ACTUAL G/INT	G/KG/DAY		
1531	202	22	120	104.7	10	70
1533	202	19	124	107.4	0	127
1535	219	19	127	101.0	-4	90
1537	223	25	124	98.2	24	95
1538	217	14	129	102.4	1	99
1539	225	25	136	106.7	10	98
1540	178	14	111	108.2	-2	83
1541	190	8	113	101.3	-7	64
1542	208	14	111	92.0	2	73
1543	208	13	114	94.3	4	71
1545	197	15	110	96.7	-6	92
1547	184	19	117	111.7	6	118
1549	163	13	110	117.1	-2	102
1551	246	25	147	104.9	13	106
1553	231	19	135	101.6	5	93
1555	205	23	127	109.4	6	85
1557	209	25	110	93.3	0	92
1558	179	6	107	101.3	2	64
1559	175	10	102	100.0	3	54
1561	197	19	112	99.6	4	90
1563	185	2	101	91.5	-9	61

REPRODUCTION STUDY

96-40808

E-74

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
1565	213	25	122	101.4	10	93
1566	228	19	131	99.9	14	88
1568	192	18	109	99.3	2	72
1570	237	15	129	93.7	2	100
1572	223	41	146	120.2	9	97
1574	191	13	113	102.1	3	69
1576	221	10	127	98.0	3	87
1578	189	10	112	101.4	7	60
1580	194	16	107	95.9	4	74
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	204.4	17.2	119.4	101.8	3.8	85.6
STD. DEV.	20.1	7.5	12.1	6.8	6.7	17.5

REPRODUCTION STUDY

96-40808

E-75

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2532	225	20	126	97.7	4
2533	215	16	114	91.8	-7
2534	239	6	131	92.5	-11
2536	218	19	129	103.1	-2
2538	211	1	116	91.8	-5
2540	207	19	117	98.7	-2
2541	215	16	129	103.9	9
2543	189	16	120	110.5	-2
2544	207	30	135	117.2	24
2546	216	26	126	103.4	-1
2548	201	12	111	94.9	-1
2550	173	17	108	109.4	-7
2552	190	8	108	96.8	-1
2553	198	-1	84	70.5	-30
2554	225	13	122	93.1	-2
2555	214	9	119	94.7	-6
2556	218	15	127	100.6	-11
2557	219	1	109	83.1	-17
2558	224	19	135	104.9	18
2559	224	16	139	107.3	3
2561	193	12	106	94.5	-10

REPRODUCTION STUDY

96-40808

E-76

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2563	211	22	128	106.7	4
2566	211	10	125	101.1	-3
2567	192	17	114	103.5	2
2569	182	1	104	95.5	-2
2571	202	18	118	101.9	-8
2573	196	11	128	112.0	-9
2575	197	11	118	102.7	3
2577	190	14	143	130.2	28
NO. OF ANIMALS	29	29	29	29	29
MEANS	207.0	13.6	120.3	100.5	-1.4
STD. DEV.	15.1	7.4	12.3	10.8	11.4

REPRODUCTION STUDY

96-40808

E-77

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3531	216	16	123	98.6	6
3532	216	15	134	107.1	13
3533	182	20	117	113.4	4
3534	190	20	115	106.5	-4
3535	191	16	123	112.0	6
3536	169	0	104	102.6	-5
3537	160	8	102	109.0	4
3538	178	11	110	106.3	5
3539	183	10	103	96.4	-7
3541	158	10	106	115.5	-6
3543	215	7	122	96.1	-8
3545	184	7	113	104.3	-3
3547	223	8	117	89.0	-3
3549	198	15	113	98.9	0
3550	184	11	108	100.8	-4
3551	181	13	114	108.9	5
3553	201	9	103	87.4	-12
3554	233	10	128	93.6	-8
3555	210	6	121	97.4	-2
3556	179	14	125	121.1	2
3557	194	2	110	95.0	-10

REPRODUCTION STUDY

96-40808

E-78

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3558	234	4	139	99.9	-7	95
3559	244	16	134	94.6	-1	87
3560	242	14	134	95.0	-10	102
3562	227	14	131	99.2	-8	84
3564	209	6	123	99.5	-6	66
3565	186	14	108	100.6	-5	57
3566	202	9	116	97.9	-10	83
3567	220	19	138	109.3	2	87
3568	235	20	134	99.3	-1	94
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	201.5	11.5	118.9	101.8	-2.4	80.5
STD. DEV.	24.1	5.3	11.3	7.8	6.1	14.0

REPRODUCTION STUDY

96-40808

E-79
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4531	240	10	126	89.4	-9	99
4533	230	17	124	93.3	-1	87
4535	208	12	113	93.2	-5	82
4537	201	6	108	90.9	-7	59
4538	228	18	126	95.9	-1	91
4540	252	24	135	93.8	-2	119
4542	202	16	111	95.4	-2	71
4545	180	18	101	98.4	-3	84
4546	197	16	114	100.5	5	79
4548	207	31	132	114.9	-2	132
4549	220	21	134	106.6	6	93
4551	235	19	132	97.6	-2	96
4552	222	17	121	94.5	-1	103
4554	226	12	125	94.7	-3	84
4555	214	15	121	97.7	0	81
4556	181	4	113	105.2	-1	73
4557	203	16	121	103.4	4	92
4558	200	16	113	98.1	2	93
4560	235	23	132	98.4	-4	95
4562	218	17	129	102.6	6	82
4563	195	8	107	93.4	-6	68

REPRODUCTION STUDY

96-40808

E-80
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 23

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	183	12	125	117.7	5
4566	219	13	122	95.7	-10
4568	205	22	117	100.5	-1
4570	202	11	119	100.9	0
4572	219	14	126	99.1	2
4574	172	15	116	117.5	6
4575	188	6	105	94.6	-5
4577	140	20	100	128.2	9
4579	196	16	110	97.5	-7
NO. OF ANIMALS	30	30	30	30	30
MEANS	207.3	15.5	119.3	100.3	-0.9
STD. DEV.	23.1	5.8	9.8	8.8	4.8

REPRODUCTION STUDY

96-40808

E-81
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
1031	378	31	162	74.5	-5	206
1032	331	44	160	86.3	6	254
1033	410	34	177	75.1	-9	253
1035	378	31	166	76.3	-3	234
1037	309	17	140	77.6	-15	187
1039	353	36	141	70.1	-5	217
1041	274	32	141	91.1	6	199
1043	334	28	139	72.4	-3	187
1045	370	31	173	81.3	-2	233
1047	313	39	164	93.1	-1	245
1048	272	41	139	92.1	12	212
1052	361	31	159	76.7	-5	217
1054	330	24	S	S	S	197
1056	360	33	159	77.1	0	222
1057	355	35	163	80.5	6	223
1058	296	28	145	85.7	-5	187
1060	373	30	168	78.2	-2	213
1061	373	30	170	79.1	-7	216
1062	382	37	161	73.8	3	245
1063	354	34	154	76.2	-2	231
1064	366	31	165	78.5	-1	215

REPRODUCTION STUDY

96-40808

E-82

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1066	312	17	136	74.7	4
1068	391	36	164	73.3	-1
1070	361	33	172	83.2	1
1071	345	14	145	71.5	-16
1072	385	33	164	74.2	3
1074	365	28	164	77.9	5
1076	376	23	159	72.7	-8
1078	405	36	189	81.4	-2

S = SPILLAGE

NO. OF ANIMALS	29	29	28	28	28	29
MEANS	352.1	30.9	158.5	78.7	-1.6	216.0
STD. DEV.	35.5	6.9	13.3	6.2	6.2	23.4

REPRODUCTION STUDY

96-40808

E-83

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2031	360	20	158	75.2	-11	200
2033	447	40	191	74.6	7	265
2034	380	29	180	82.1	-7	233
2036	432	35	187	75.2	-9	260
2037	405	41	180	78.0	-6	252
2038	337	27	150	77.3	-13	215
2040	285	23	135	82.3	-4	163
2042	308	-2	140	75.5	-25	200
2044	370	41	173	82.5	4	224
2046	372	40	185	87.6	0	251
2048	405	44	176	76.6	-3	255
2050	319	40	151	84.2	-5	200
2052	272	25	123	79.0	-3	153
2054	362	29	151	72.4	-9	214
2056	395	45	184	82.3	13	234
2058	442	33	191	74.8	-7	257
2060	344	39	168	86.3	9	201
2062	364	32	163	78.1	-1	227
2064	405	36	180	77.5	2	246
2066	382	35	176	80.5	3	225
2067	397	41	177	78.4	4	244

REPRODUCTION STUDY

96-40808

E-84

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2068	336	15	137	69.5	-9
2070	361	34	166	80.4	3
2072	353	33	164	81.2	5
2073	364	31	175	83.7	-7
2074	382	43	196	90.6	4
2075	357	28	174	84.5	3
2076	349	32	170	85.1	14
2077	386	24	160	71.3	-5
2078	407	31	194	82.6	4
NO. OF ANIMALS	30	30	30	30	30
MEANS	369.3	32.1	168.5	79.6	-1.6
STD. DEV.	41.3	9.8	18.7	5.0	8.2

REPRODUCTION STUDY

96-40808

E-85
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
3031	428	34	188	76.2	-9	244
3032	405	29	177	75.5	-4	222
3033	294	41	156	95.1	7	198
3034	347	42	188	96.1	10	260
3035	329	41	163	88.1	8	227
3037	347	11	160	78.1	-3	190
3039	307	28	147	83.6	4	186
3041	283	50	169	109.2	30	218
3042	267	47	153	104.7	17	202
3043	385	34	173	78.4	5	222
3045	342	22	168	84.6	4	193
3046	347	21	165	81.7	-9	207
3047	371	27	160	74.6	-1	199
3048	406	30	176	75.0	11	211
3049	334	39	153	81.1	9	221
3050	300	32	142	83.3	2	190
3051	316	26	147	80.9	0	168
3052	380	43	179	83.2	15	231
3055	343	32	148	75.4	3	175
3057	322	25	155	83.5	-25	201
3058	353	29	164	80.7	-5	229

REPRODUCTION STUDY

96-40808

E-86

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3059	376	29	154	71.0	-7	210
3061	387	39	166	75.3	4	239
3063	399	34	177	77.2	7	208
3064	379	27	175	79.8	0	215
3065	344	16	163	80.9	-17	185
3066	327	24	155	82.0	0	171
3067	400	33	206	89.5	4	254
3069	396	29	176	76.9	-11	236
3070	345	25	176	88.2	6	194
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	352.0	31.3	166.0	83.0	1.8	210.2
STD. DEV.	40.2	8.8	14.3	8.7	10.5	23.6

REPRODUCTION STUDY

96-40808

E-87 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4031	395	33	181	79.7	3
4033	378	35	170	78.6	9
4035	399	44	187	82.7	5
4037	393	18	170	73.8	-13
4039	377	25	163	74.5	0
4041	384	38	176	80.4	1
4043	330	42	162	87.4	2
4045	345	20	163	81.1	-9
4046	354	22	161	78.2	-15
4047	341	17	144	72.2	-14
4049	342	43	177	92.0	-8
4050	330	22	159	83.1	-7
4052	378	23	168	76.4	-3
4054	306	40	147	85.7	9
4056	290	22	130	77.7	-3
4058	323	24	164	87.9	1
4060	351	38	167	83.8	5
4062	309	34	148	84.5	-4
4064	382	25	172	77.6	0
4066	375	32	181	84.0	-6
4068	376	31	173	80.0	5

REPRODUCTION STUDY

96-40808

E-88

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY G/INT	WT. CHG. FROM WEEK 19
4070	379	23	169	76.6	-7
4071	391	34	181	80.7	1
4072	375	32	170	78.9	8
4073	388	38	165	74.5	-5
4074	371	33	179	84.2	7
4076	325	37	158	85.9	5
4077	292	23	142	84.4	6
4079	281	33	134	84.4	2
4081	319	33	164	90.4	-5
NO. OF ANIMALS	30	30	30	30	30
MEANS	352.6	30.5	164.2	81.4	-1.0
STD. DEV.	35.0	7.8	14.1	4.9	6.8

REPRODUCTION STUDY

96-40808

E-89

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1531	220	18	123	97.2	3
1533	231	29	131	100.8	7
1535	231	12	132	97.8	5
1537	232	9	111	81.3	-13
1538	240	23	139	101.4	10
1539	240	15	126	90.3	-10
1540	197	19	120	106.7	9
1541	196	6	118	101.9	5
1542	218	10	105	82.2	-6
1543	221	13	108	83.9	-6
1545	211	14	114	93.1	4
1547	204	20	114	97.9	-3
1549	175	12	112	110.5	2
1551	248	2	148	99.9	1
1553	252	21	138	95.2	3
1555	225	20	126	97.7	-1
1557	228	19	124	94.6	14
1558	201	22	112	98.2	5
1559	192	17	100	90.8	-2
1561	216	19	110	88.8	-2
1563	198	13	111	96.6	10

REPRODUCTION STUDY

96-40808

E-90
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION		CHANGE G/INT	WT. CHG. FROM WEEK 19
			ACTUAL G/INT	G/KG/DAY		
1565	231	18	118	88.6	-4	111
1566	242	14	128	90.8	-3	102
1568	207	15	108	90.2	-1	87
1570	252	15	127	86.6	-2	115
1572	254	31	154	107.6	8	128
1574	209	18	122	101.7	9	87
1576	243	22	133	95.5	6	109
1578	203	14	119	101.2	7	74
1580	211	17	112	92.2	5	91
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	220.9	16.6	121.4	95.4	2.0	102.1
STD. DEV.	20.5	6.0	12.7	7.2	6.3	19.9

REPRODUCTION STUDY

96-40808

E-91

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION G/INT	ACTUAL G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2532	254	29	131	91.2	5	118
2533	229	14	119	89.3	5	95
2534	250	11	137	93.4	6	102
2536	232	14	131	97.0	2	107
2538	232	21	119	89.5	3	95
2540	222	15	119	92.5	2	112
2541	227	12	117	88.2	-12	95
2543	202	13	120	102.3	0	101
2544	216	9	129	101.7	-6	83
2546	232	16	130	96.7	4	113
2548	215	14	114	91.3	3	86
2550	184	11	136	127.0	28	87
2552	199	9	103	88.3	-5	74
2553	216	18	100	80.5	16	82
2554	241	16	126	90.1	4	108
2555	232	18	120	89.7	1	92
2556	235	17	138	101.5	11	95
2557	235	16	122	89.6	13	72
2558	239	15	130	93.6	-5	78
2559	244	20	152	108.3	13	103
2561	207	14	114	95.0	8	97

REPRODUCTION STUDY

96-40808

E-92

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION		CHANGE G/INT	WT. CHG. FROM WEEK 19
			ACTUAL G/INT	G/KG/DAY		
2563	234	23	131	98.1	3	112
2566	235	24	135	100.9	10	97
2567	208	16	112	93.3	-2	77
2569	188	6	107	96.4	3	64
2571	212	10	109	87.8	-9	92
2573	214	18	138	112.2	10	105
2575	217	20	130	104.7	12	80
2577	208	18	119	99.7	-24	86
NO. OF ANIMALS	29	29	29	29	29	29
MEANS	222.7	15.8	123.7	96.2	3.4	93.4
STD. DEV.	17.4	4.9	11.9	9.1	9.7	13.7

REPRODUCTION STUDY

96-40808

E-93

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3531	236	20	133	98.1	10
3532	237	21	140	103.0	6
3533	201	19	121	105.3	4
3534	205	15	118	99.6	3
3535	209	18	120	100.0	-3
3536	195	26	116	106.2	12
3537	176	16	107	106.2	5
3538	195	17	111	99.2	1
3539	200	17	102	88.8	-1
3541	185	27	118	114.7	12
3543	233	18	131	97.5	9
3545	198	14	116	101.2	3
3547	247	24	124	87.9	7
3549	219	21	116	92.7	3
3550	197	13	117	102.4	9
3551	198	17	119	104.7	5
3553	211	10	102	82.5	-1
3554	258	25	136	92.3	8
3555	231	21	125	94.5	4
3556	191	12	144	129.7	19
3557	203	9	116	97.4	6

REPRODUCTION STUDY

96-4080B

E-94

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3558	259	25	154	104.1	15	120
3559	251	7	139	93.6	5	94
3560	258	16	135	90.0	1	118
3562	235	8	144	103.9	13	92
3564	239	30	132	98.2	9	96
3565	204	18	111	94.9	3	75
3566	215	13	124	99.1	8	96
3567	232	12	133	98.1	-5	99
3568	256	21	145	98.4	11	115
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	219.1	17.7	125.0	99.5	6.0	98.1
STD. DEV.	24.5	5.8	13.3	8.7	5.4	15.9

REPRODUCTION STUDY

96-40808

E-95

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4531	252	12	133	90.1	7	111
4533	239	9	122	86.7	-2	96
4535	232	24	128	97.0	15	106
4537	218	17	108	85.9	0	76
4538	245	17	134	94.4	8	108
4540	264	12	129	83.3	-6	131
4542	220	18	120	94.8	9	89
4545	191	11	108	97.0	7	95
4546	207	10	104	85.8	-10	89
4548	229	22	139	106.3	7	154
4549	237	17	139	101.4	5	110
4551	251	16	136	93.3	4	112
4552	229	7	119	88.0	-2	110
4554	239	13	130	93.2	5	97
4555	231	17	128	95.9	7	98
4556	203	22	126	109.4	13	95
4557	218	15	124	98.2	3	107
4558	221	21	117	92.6	4	114
4560	249	14	133	91.6	1	109
4562	228	10	122	91.2	-7	92
4563	207	12	104	86.2	-3	80

REPRODUCTION STUDY

96-40808

E-96

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 24

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	200	17	117	101.8	-8	97
4566	234	15	128	94.2	6	99
4568	232	27	128	97.6	11	122
4570	209	7	115	93.3	-4	74
4572	241	22	135	97.8	9	109
4574	192	20	119	109.0	3	104
4575	201	13	104	89.1	-1	80
4577	154	14	105	119.0	5	94
4579	205	9	115	95.6	5	91
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	222.6	15.3	122.3	95.3	3.0	101.6
STD. DEV.	22.9	5.1	10.9	7.9	6.2	16.4

REPRODUCTION STUDY

96-40808

E-97
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
1031	408	30	168	71.2	6	236
1032	366	35	159	76.0	-1	289
1033	428	18	165	65.6	-12	271
1035	410	32	157	66.4	-9	266
1037	328	19	130	68.0	-10	206
1039	382	29	144	65.3	3	246
1041	297	23	136	79.4	-5	222
1043	356	22	136	65.7	-3	209
1045	395	25	165	71.9	-8	258
1047	331	18	142	73.5	-22	263
1048	305	33	136	78.6	-3	245
1052	386	25	159	71.0	0	242
1054	364	34	156	74.9	T	231
1056	387	27	156	69.6	-3	249
1057	391	36	164	73.3	1	259
1058	309	13	131	72.2	-14	200
1060	394	21	161	70.0	-7	234
1061	391	18	154	67.2	-16	234
1062	404	22	158	67.0	-3	267
1063	394	40	160	71.3	6	271
1064	396	30	166	72.6	1	245

REPRODUCTION STUDY

96-40808

E-98

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
1066	334	22	123	63.5	-13	182
1068	419	28	159	65.4	-5	261
1070	388	27	165	73.4	-7	262
1071	386	41	146	66.6	1	222
1072	413	28	166	69.3	2	241
1074	387	22	157	69.6	-7	215
1076	396	20	158	68.2	-1	228
1078	434	29	185	73.5	-4	276

T = TECHNICAL PROBLEM

NO. OF ANIMALS	29	29	29	29	28	29
MEANS	378.6	26.4	153.9	70.4	-4.8	242.4
STD. DEV.	36.6	6.9	14.0	4.0	6.7	25.2

REPRODUCTION STUDY

96-40808

E-99

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2031	385	25	160	71.6	2
2033	485	38	194	69.4	3
2034	411	31	171	72.1	-9
2036	474	42	192	70.6	5
2037	441	36	177	69.7	-3
2038	359	22	140	67.0	-10
2040	313	28	137	76.4	2
2042	337	29	116	59.9	-24
2044	396	26	172	74.8	-1
2046	404	32	179	76.9	-6
2048	444	39	187	73.4	11
2050	361	42	159	77.9	8
2052	286	14	117	69.9	-6
2054	384	22	158	70.6	7
2056	428	33	186	75.3	2
2058	482	40	193	69.6	2
2060	376	32	166	76.9	-2
2062	385	21	147	65.4	-16
2064	430	25	168	67.1	-12
2066	406	24	159	67.3	-17
2067	429	32	170	68.6	-7

REPRODUCTION STUDY

96-40808

E-100

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2068	360	24	140	67.0	3	203
2070	389	28	167	74.2	1	244
2072	380	27	154	70.0	-10	246
2073	389	25	170	75.3	-5	247
2074	408	26	192	81.0	-4	269
2075	384	27	166	74.7	-8	236
2076	374	25	168	77.5	-2	220
2077	405	19	154	64.9	-6	233
2078	435	28	179	70.9	-15	264
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	398.0	28.7	164.6	71.5	-3.9	250.5
STD. DEV.	45.2	6.9	20.5	4.7	8.1	32.2

REPRODUCTION STUDY

96-40808

E-101 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3031	464	36	188	70.3	0	280
3032	436	31	183	72.5	6	253
3033	329	35	164	87.7	8	233
3034	381	34	183	83.8	-5	294
3035	362	33	163	78.6	0	260
3037	378	31	153	70.3	-7	221
3039	329	22	134	70.2	-13	208
3041	329	46	169	92.0	0	264
3042	310	43	167	96.5	14	245
3043	410	25	169	70.9	-4	247
3045	368	26	159	74.6	-9	219
3046	378	31	158	72.6	-7	238
3047	397	26	162	70.3	2	225
3048	437	31	172	68.0	-4	242
3049	373	39	154	72.6	1	260
3050	325	25	140	74.7	-2	215
3051	339	23	139	70.7	-8	191
3052	418	38	176	73.5	-3	269
3055	376	33	157	72.8	9	208
3057	346	24	158	78.8	3	225
3058	390	37	166	74.5	2	266

REPRODUCTION STUDY

96-40808

E-102

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3059	407	31	159	67.7	5	241
3061	417	30	163	67.6	-3	269
3063	426	27	171	69.1	-6	235
3064	406	27	172	73.0	-3	242
3065	363	19	158	74.5	-5	204
3066	359	32	169	82.1	14	203
3067	431	31	187	75.0	-19	285
3069	418	22	181	74.1	5	258
3070	370	25	171	79.7	-5	219
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	382.4	30.4	164.8	75.3	-1.1	240.6
STD. DEV.	39.3	6.4	13.2	7.0	7.3	26.5

REPRODUCTION STUDY

96-40808

E-103

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4031	427	32	185	75.0	4
4033	408	30	163	69.1	-7
4035	427	28	167	67.4	-20
4037	427	34	173	70.3	3
4039	397	20	159	68.5	-4
4041	410	26	158	66.3	-18
4043	354	24	158	77.0	-4
4045	372	27	152	70.7	-11
4046	374	20	151	69.1	-10
4047	361	20	145	68.9	1
4049	377	35	189	87.6	12
4050	348	18	141	69.3	-18
4052	402	24	172	73.5	4
4054	329	23	139	73.0	-8
4056	309	19	128	71.2	-2
4058	348	25	149	74.0	-15
4060	372	21	150	69.2	-17
4062	337	28	147	75.9	-1
4064	414	32	181	75.8	9
4066	401	26	167	71.7	-14
4068	390	14	155	67.4	-18

REPRODUCTION STUDY

96-4080B

E-104 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION CHANGE G/INT	WT. CHG. FROM WEEK 19
4070	408	29	165	69.9	-4
4071	425	34	179	73.1	-2
4072	400	25	169	72.7	-1
4073	411	23	164	68.4	-1
4074	402	31	175	75.5	-4
4076	340	15	142	71.2	-16
4077	316	24	136	74.6	-6
4079	312	31	138	77.6	4
4081	353	34	162	80.4	-2
NO. OF ANIMALS	30	30	30	30	30
MEANS	378.4	25.7	158.6	72.5	-5.5
STD. DEV.	36.7	5.8	15.5	4.5	8.6

REPRODUCTION STUDY

96-40808

E-105 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1531	227	7	108	80.5	-15
1533	257	26	127	86.7	-4
1535	259	28	136	92.5	4
1537	250	18	120	83.0	9
1538	245	5	117	80.4	-22
1539	248	8	118	80.6	-8
1540	214	17	5	5	5
1541	215	19	115	93.3	-3
1542	222	4	102	77.3	-3
1543	236	15	105	76.6	-3
1545	232	21	112	84.3	-2
1547	224	20	109	84.9	-5
1549	189	14	106	97.1	-6
1551	267	19	132	85.4	-16
1553	260	8	121	78.8	-17
1555	232	7	121	88.3	-5
1557	223	-5	89	65.8	-35
1558	214	13	102	81.9	-10
1559	206	14	100	83.8	0
1561	221	5	105	80.1	-5
1563	219	21	122	97.5	11

REPRODUCTION STUDY

96-40808

E-106

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1565	241	10	106	74.9	-12
1566	238	-4	112	77.8	-16
1568	208	1	101	81.1	-7
1570	267	15	128	82.2	1
1572	269	15	125	79.7	-29
1574	228	19	129	98.4	7
1576	253	10	127	85.3	-6
1578	222	19	103	80.8	-16
1580	224	13	101	77.4	-11

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	233.7	12.7	113.8	83.3	-7.7	114.9
STD. DEV.	20.3	8.0	11.7	7.2	10.4	21.8

REPRODUCTION STUDY

96-40808

E-107

APPENDIX E (CONT.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2532	259	5	117	76.0	-14	123
2533	239	10	112	79.8	-7	105
2534	274	24	138	87.8	1	126
2536	244	12	129	90.3	-2	119
2538	238	6	115	81.6	-4	101
2540	244	22	121	86.6	2	134
2541	231	4	120	87.3	3	99
2543	215	13	126	100.7	6	114
2544	224	8	115	87.1	-14	91
2546	253	21	135	92.8	5	134
2548	225	10	112	84.8	-2	96
2550	197	13	113	98.9	-23	100
2552	207	8	S	S	S	82
2553	231	15	113	84.3	13	97
2554	249	8	117	79.6	-9	116
2555	246	14	126	87.9	6	106
2556	245	10	132	91.7	-6	105
2557	253	18	125	85.4	3	90
2558	253	14	121	82.0	-9	92
2559	260	16	137	90.6	-15	119
2561	218	11	111	87.1	-3	108

REPRODUCTION STUDY

96-40808

E-108

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION G/INT	ACTUAL G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2563	250	16	129	88.8	-2	128
2566	244	9	128	89.1	-7	106
2567	218	10	114	89.2	2	87
2569	206	18	112	94.8	5	82
2571	217	5	113	87.8	4	97
2573	226	12	135	102.3	-3	117
2575	226	9	123	92.6	-7	89
2577	215	7	112	88.3	-7	93

S = SPILLAGE

NO. OF ANIMALS	29	29	28	28	28	29
MEANS	234.7	12.0	121.5	88.4	-3.0	105.4
STD. DEV.	18.7	5.2	8.8	6.1	7.9	15.1

REPRODUCTION STUDY

96-40808

E-109
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3531	246	10	118	81.6	-15
3532	243	6	131	91.0	-9
3533	210	9	123	99.8	2
3534	216	11	126	99.8	8
3535	219	10	124	96.6	4
3536	209	14	123	101.5	7
3537	187	11	126	115.7	19
3538	201	6	98	82.5	-13
3539	211	11	99	80.3	-3
3541	198	13	114	99.2	-4
3543	242	9	115	80.7	-16
3545	211	13	111	90.5	-5
3547	246	-1	120	81.1	-4
3549	227	8	107	80.0	-9
3550	206	9	105	86.8	-12
3551	202	4	107	89.2	-12
3553	220	9	100	77.3	-2
3554	267	9	130	82.5	-6
3555	242	11	119	83.9	-6
3556	203	12	126	106.6	-18
3557	219	16	120	94.8	4

REPRODUCTION STUDY

96-40808

E-110

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3558	284	25	S	S	S	145
3559	268	17	140	89.9	1	111
3560	277	19	142	88.5	7	137
3562	256	21	147	99.8	3	113
3564	247	8	127	87.1	-5	104
3565	209	5	101	81.5	-10	80
3566	230	15	115	86.1	-9	111
3567	246	14	133	92.7	0	113
3568	267	11	140	89.2	-5	126

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	230.3	11.2	120.2	90.2	-3.7	109.3
STD. DEV.	26.2	5.2	13.4	9.2	8.4	17.7

REPRODUCTION STUDY

96-40808

E-111
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
4531	264	12	131	84.6	-2	123
4533	252	13	126	85.5	4	109
4535	234	2	118	84.4	-10	108
4537	217	-1	104	79.7	-4	75
4538	252	7	119	79.8	-15	115
4540	273	9	132	81.9	3	140
4542	229	9	115	85.4	-5	98
4545	196	5	104	89.6	-4	100
4546	210	3	102	81.5	-2	92
4548	241	12	135	95.7	-4	166
4549	250	13	131	89.7	-8	123
4551	261	10	127	82.7	-9	122
4552	246	17	121	84.9	2	127
4554	250	11	121	82.5	-9	108
4555	234	3	120	86.0	-8	101
4556	219	16	125	98.7	-1	111
4557	231	13	114	84.6	-10	120
4558	228	7	111	82.4	-6	121
4560	261	12	135	88.2	2	121
4562	232	4	114	82.6	-8	96
4563	210	3	102	81.5	-2	83

REPRODUCTION STUDY

96-40808

E-112 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 25

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	210	10	112	91.1	-5
4566	235	1	131	93.1	3
4568	244	12	127	88.9	-1
4570	219	10	118	91.9	3
4572	258	17	131	87.5	-4
4574	199	7	121	103.2	2
4575	217	16	107	85.3	3
4577	167	13	103	107.0	-2
4579	222	17	122	95.2	7
NO. OF ANIMALS	30	30	30	30	30
MEANS	232.0	9.4	119.3	87.8	-3.0
STD. DEV.	23.4	5.1	10.3	6.7	5.2
					18.4

REPRODUCTION STUDY

96-40808

E-113 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
1031	427	19	162	64.7	-6	255
1032	393	27	161	70.7	2	316
1033	458	30	163	61.3	-2	301
1035	431	21	152	60.2	-5	287
1037	347	19	123	60.7	-7	225
1039	396	14	147	63.0	3	260
1041	311	14	125	68.5	-11	236
1043	374	18	132	60.3	-4	227
1045	422	27	171	69.8	6	285
1047	363	32	152	73.0	10	295
1048	324	19	139	73.7	3	264
1052	404	18	160	67.5	1	260
1054	391	27	164	72.4	8	258
1056	408	21	161	67.5	5	270
1057	420	29	169	69.5	5	288
1058	322	13	127	67.1	-4	213
1060	398	4	149	62.7	-12	238
1061	406	15	158	66.1	4	249
1062	416	12	144	58.5	-14	279
1063	411	17	157	65.0	-3	288
1064	407	11	150	62.3	-16	256

REPRODUCTION STUDY

95-40808

E-114
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT	WEIGHT CHANGE	FOOD CONSUMPTION		CHANGE G/INT	WT. CHG. FROM WEEK 19
	G	G	G/INT	G/KG/DAY		
1066	351	17	128	62.3	5	199
1068	443	24	160	61.9	1	285
1070	405	17	170	71.5	5	279
1071	408	22	163	68.4	17	244
1072	436	23	166	65.2	0	264
1074	412	25	165	68.8	8	240
1076	418	22	154	63.1	-4	250
1078	453	19	181	68.0	-4	295
NO. OF ANIMALS	29	29	29	29	29	29
MEANS	398.4	19.9	153.6	66.0	-0.3	262.3
STD. DEV.	37.8	6.3	15.1	4.2	7.5	27.9

REPRODUCTION STUDY

96-40808

E-115
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2031	405	20	151	63.7	-9	245
2033	520	35	194	64.3	0	338
2034	436	25	172	67.7	1	289
2036	517	43	196	65.9	4	345
2037	469	28	177	64.8	0	316
2038	380	21	135	60.9	-5	258
2040	327	14	139	72.4	2	205
2042	352	15	132	63.9	16	244
2044	417	21	174	71.3	2	271
2046	439	35	176	69.6	-3	318
2048	473	29	183	66.5	-4	323
2050	384	23	153	68.5	-6	265
2052	304	18	124	70.1	7	185
2054	405	21	152	64.2	-6	257
2056	454	26	183	69.2	-3	293
2058	507	25	193	65.0	0	322
2060	395	19	150	64.9	-16	252
2062	412	27	163	68.2	16	275
2064	451	21	169	63.9	1	292
2066	430	24	152	60.6	-7	273
2067	446	17	172	65.5	2	293

REPRODUCTION STUDY

96-40808

E-116

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2068	372	12	133	60.6	-7	215
2070	406	17	155	65.0	-12	261
2072	402	22	139	59.2	-15	268
2073	412	23	163	67.8	-7	270
2074	435	27	182	72.0	-10	296
2075	406	22	165	69.6	-1	258
2076	393	19	149	64.8	-19	239
2077	421	16	144	58.1	-10	249
2078	455	20	166	62.2	-13	284
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	420.8	22.8	161.2	65.7	-3.4	273.3
STD. DEV.	49.7	6.6	19.7	3.7	8.2	37.5

REPRODUCTION STUDY

96-40808

E-117

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL		CHANGE	WT. CHG. FROM WEEK 19
			G/INT	G/KG/DAY	G/INT	
3031	491	27	190	66.3	2	307
3032	466	30	192	71.0	9	283
3033	339	10	147	73.4	-17	243
3034	368	-13	134	59.6	-49	281
3035	389	27	150	66.6	-13	287
3037	401	23	151	64.6	-2	244
3039	355	26	142	69.2	8	234
3041	369	40	175	83.6	6	304
3042	344	34	163	83.1	-4	279
3043	445	35	177	69.0	8	282
3045	384	16	162	71.8	3	235
3046	410	32	170	71.9	12	270
3047	423	26	154	62.6	-8	251
3048	459	22	178	66.2	6	264
3049	398	25	154	66.6	0	285
3050	347	22	140	69.4	0	237
3051	356	17	137	65.7	-2	208
3052	435	17	152	59.4	-24	286
3055	386	10	145	63.4	-12	218
3057	382	36	159	72.8	1	261
3058	402	12	158	66.5	-8	278

REPRODUCTION STUDY

96-40808

E-118

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3059	422	15	147	59.1	-12	256
3061	434	17	157	61.5	-6	286
3063	444	18	160	61.3	-11	253
3064	426	20	165	66.1	-7	262
3065	376	13	119	53.7	-39	217
3066	385	26	161	72.1	-8	229
3067	449	18	177	67.0	-10	303
3069	439	21	172	66.9	-9	279
3070	389	19	169	74.2	-2	238
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	403.8	21.4	158.6	67.5	-6.3	262.0
STD. DEV.	39.5	10.2	16.5	6.5	13.3	27.2

REPRODUCTION STUDY

96-40808

E-119

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4031	451	24	176	66.8	-9
4033	429	21	153	60.9	-10
4035	458	31	175	65.9	8
4037	455	28	172	65.0	-1
4039	422	25	167	68.0	8
4041	433	23	168	66.4	10
4043	385	31	167	75.3	9
4045	397	25	157	68.1	5
4046	399	25	159	68.6	8
4047	389	28	142	63.1	-3
4049	410	33	175	74.1	-14
4050	376	28	154	70.9	13
4052	418	16	162	65.9	-10
4054	355	26	142	69.2	3
4056	325	16	125	65.7	-3
4058	379	31	155	71.1	6
4060	400	28	166	71.7	16
4062	357	20	152	73.0	5
4064	432	18	165	65.0	-16
4066	427	26	176	70.9	9
4068	425	35	171	69.9	16

REPRODUCTION STUDY

96-40808

E-120
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION		CHANGE G/INT	WT. CHG. FROM WEEK 19
			ACTUAL G/INT	ACTUAL G/KG/DAY		
4070	427	19	157	62.7	-8	277
4071	447	22	176	67.3	-3	299
4072	426	26	154	62.1	-15	252
4073	432	21	159	62.9	-5	263
4074	421	19	154	62.4	-21	262
4076	370	30	160	75.1	18	265
4077	340	24	126	64.0	-10	207
4079	331	19	130	67.4	-8	224
4081	376	23	168	76.8	6	257
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	403.1	24.7	158.8	67.9	0.1	262.0
STD. DEV.	37.0	5.0	14.3	4.3	10.6	29.3

REPRODUCTION STUDY

96-40808

E-121
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
1531	225	-2	108	79.6	0	93
1533	270	13	127	80.3	0	195
1535	262	3	132	84.5	-4	133
1537	273	23	131	83.5	11	145
1538	269	24	135	87.5	18	151
1539	269	21	137	88.3	19	142
1540	231	17	115	86.1	7	136
1541	230	15	119	89.1	4	104
1542	239	17	107	77.4	5	104
1543	242	6	110	76.7	5	105
1545	244	12	122	85.4	10	139
1547	245	21	128	91.0	19	179
1549	211	22	117	97.5	11	150
1551	271	4	133	82.4	1	131
1553	266	6	121	76.7	0	128
1555	250	18	127	87.8	6	130
1557	232	9	101	74.0	12	115
1558	225	11	110	83.5	8	110
1559	215	9	98	77.6	-2	94
1561	238	17	113	82.1	8	131
1563	239	20	129	93.9	7	115

REPRODUCTION STUDY

96-40808

E-122
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1565	255	14	115	77.3	9
1566	260	22	126	84.3	14
1568	229	21	110	83.9	9
1570	276	9	130	79.8	2
1572	274	5	132	81.0	7
1574	242	14	126	89.4	-3
1576	266	13	137	88.0	10
1578	227	5	106	78.7	3
1580	231	7	100	73.3	-1

T = TECHNICAL PROBLEM

NO. OF ANIMALS	30	30	30	30	29	30
MEANS	246.9	13.2	120.1	83.4	6.5	128.1
STD. DEV.	19.3	7.0	11.7	5.8	6.4	23.3

REPRODUCTION STUDY

96-40808

E-123

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2532	267	8	119	75.4	2	131
2533	251	12	113	76.9	1	117
2534	302	28	144	83.3	6	154
2536	264	20	133	87.3	4	139
2538	249	11	114	78.0	-1	112
2540	252	8	122	82.0	1	142
2541	249	18	132	91.7	12	117
2543	232	17	130	96.9	4	131
2544	240	16	123	88.4	8	107
2546	266	13	136	87.3	1	147
2548	238	13	113	81.4	1	109
2550	204	7	117	97.3	4	107
2552	221	14	110	85.7	T	96
2553	238	7	106	75.3	-7	104
2554	256	7	112	73.9	-5	123
2555	252	6	121	81.0	-5	112
2556	258	13	143	94.8	11	118
2557	260	7	112	72.8	-13	97
2558	262	9	132	85.4	11	101
2559	269	9	136	85.7	-1	128
2561	228	10	107	80.0	-4	118

REPRODUCTION STUDY

96-40808

E-124
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2563	265	15	127	82.2	-2	143
2566	255	11	120	80.2	-8	117
2567	226	8	112	84.1	-2	95
2569	224	18	110	85.3	-2	100
2571	236	19	124	91.2	11	116
2573	238	12	130	93.4	-5	129
2575	241	15	124	88.5	1	104
2577	221	6	112	85.6	0	99

T = TECHNICAL PROBLEM

NO. OF ANIMALS	29	29	29	29	28	29
MEANS	247.0	12.3	121.9	84.5	0.8	117.7
STD. DEV.	19.7	5.2	10.7	6.7	6.2	16.5

REPRODUCTION STUDY

96-40808

E-125
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3531	256	10	119	79.0	1
3532	261	18	127	84.0	-4
3533	232	22	130	98.0	7
3534	235	19	128	94.6	2
3535	235	16	133	97.7	9
3536	229	20	119	90.6	-4
3537	192	5	100	88.0	-26
3538	214	13	113	90.8	15
3539	233	22	111	83.3	12
3541	214	16	127	102.8	13
3543	257	15	122	81.5	7
3545	219	8	117	90.7	6
3547	268	22	117	75.9	-3
3549	241	14	121	86.2	14
3550	227	21	124	95.5	19
3551	212	10	105	84.5	-2
3553	236	16	106	77.5	6
3554	280	13	127	77.4	-3
3555	252	10	114	76.9	-5
3556	214	11	124	99.1	-2
3557	225	6	108	81.1	-12

REPRODUCTION STUDY

96-40808

E-126

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3558	294	10	145	83.6	T	155
3559	289	21	151	90.4	11	132
3560	290	13	135	79.4	-7	150
3562	274	18	143	89.9	-4	131
3564	254	7	120	79.8	-7	111
3565	214	5	112	88.3	11	85
3566	245	15	119	83.5	4	126
3567	260	14	138	90.9	5	127
3568	187	-80	5	3.7	-135	46

T = TECHNICAL PROBLEM

NO. OF ANIMALS	30	30	30	30	29	30
MEANS	241.3	11.0	118.7	84.1	-2.5	120.3
STD. DEV.	28.0	18.0	24.6	16.9	27.2	24.0

REPRODUCTION STUDY

96-40808

E-127

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL • 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
4531	275	11	129	79.8	-2	134
4533	274	22	129	81.7	3	131
4535	247	13	119	82.5	1	121
4537	227	10	102	76.6	-2	85
4538	255	3	108	71.0	-11	118
4540	291	18	146	86.3	14	158
4542	240	11	110	78.2	-5	109
4545	206	10	93	77.1	-11	110
4546	228	18	100	76.1	-2	110
4548	258	17	127	84.8	-8	183
4549	264	14	128	83.0	-3	137
4551	281	20	124	76.3	-3	142
4552	260	14	127	83.7	6	141
4554	263	13	122	79.3	1	121
4555	246	12	120	83.3	0	113
4556	235	16	125	91.8	0	127
4557	244	13	115	80.7	1	133
4558	242	14	112	79.4	1	135
4560	269	8	120	75.5	-15	129
4562	243	11	102	71.6	-12	107
4563	219	9	105	81.6	3	92

REPRODUCTION STUDY

96-40808

E-128

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 26

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	217	7	102	79.6	-10
4566	260	25	141	94.9	10
4568	252	8	121	81.3	-6
4570	230	11	118	87.6	0
4572	269	11	124	78.4	-7
4574	215	16	112	90.2	-9
4575	233	16	107	79.3	0
4577	182	15	105	100.3	2
4579	242	20	123	88.4	1
NO. OF ANIMALS	30	30	30	30	30
MEANS	245.6	13.5	117.2	82.0	-2.1
STD. DEV.	24.0	4.8	12.3	6.5	19.5

REPRODUCTION STUDY

96-4080B

E-129

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1031	436	9	154	59.5	-8
1032	409	16	147	61.1	-14
1033	479	21	160	56.9	-3
1035	445	14	154	58.6	2
1037	358	11	128	60.5	5
1039	401	5	135	56.5	-12
1041	321	10	117	61.7	-8
1043	390	16	137	59.8	5
1045	428	6	164	64.3	-7
1047	377	14	150	67.6	-2
1048	334	10	129	65.3	-10
1052	415	11	158	64.3	-2
1054	396	5	139	58.9	-25
1056	421	13	160	64.3	-1
1057	436	16	159	61.9	-10
1058	331	9	126	64.3	-1
1060	425	27	164	66.4	15
1061	415	9	152	61.7	-6
1062	416	0	136	54.5	-8
1063	422	11	149	59.6	-8
1064	421	14	164	66.0	14

REPRODUCTION STUDY

96-4080B

E-130
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
1066	364	13	133	62.0	5	212
1068	458	15	157	58.1	-3	300
1070	408	3	149	61.1	-21	282
1071	424	16	168	67.3	5	260
1072	446	10	150	56.7	-16	274
1074	418	6	151	60.6	-14	246
1076	421	3	141	56.0	-13	253
1078	462	9	167	60.8	-14	304
NO. OF ANIMALS	29	29	29	29	29	29
MEANS	409.6	11.1	148.2	61.3	-5.3	273.4
STD. DEV.	38.5	5.7	13.7	3.5	9.4	28.7

REPRODUCTION STUDY

96-4080B

E-131
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2031	419	14	148	59.9	-3	259
2033	547	27	187	58.4	-7	365
2034	454	18	172	64.4	0	307
2036	534	17	192	60.9	-4	362
2037	476	7	167	58.9	-10	323
2038	397	17	136	58.3	1	275
2040	342	15	126	62.8	-13	220
2042	392	40	146	65.4	14	284
2044	424	7	155	61.4	-19	278
2046	452	13	172	64.3	-4	331
2048	481	8	171	59.7	-12	331
2050	407	23	154	64.9	1	288
2052	315	11	128	68.9	4	196
2054	424	19	148	59.5	-4	276
2056	463	9	162	58.9	-21	302
2058	511	4	176	57.6	-17	326
2060	405	10	150	62.5	0	262
2062	435	23	159	62.6	-4	298
2064	473	22	170	61.3	1	314
2066	439	9	158	60.6	6	282
2067	457	11	163	60.2	-9	304

REPRODUCTION STUDY

96-40808

E-132

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2068	394	22	151	65.7	18	237
2070	432	26	175	69.6	20	287
2072	433	31	155	61.9	16	299
2073	437	25	181	71.1	18	295
2074	452	17	184	69.1	2	313
2075	422	16	165	66.4	0	274
2076	417	24	164	67.5	15	263
2077	433	12	153	59.7	9	261
2078	476	21	186	66.6	20	305
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	438.1	17.3	161.8	63.0	0.6	290.6
STD. DEV.	48.3	8.1	16.6	3.8	11.7	36.9

REPRODUCTION STUDY

96-40808

E-133
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION G/INT ACTUAL	CHANGE G/INT	WT. CHG. FROM WEEK 19
3031	507	16	174	58.1	-16
3032	490	24	190	66.2	-2
3033	356	17	T	T	T
3034	378	10	122	54.5	-12
3035	413	24	164	68.2	14
3037	423	22	153	61.9	2
3039	370	15	136	62.5	-6
3041	386	17	151	66.7	-24
3042	373	29	165	76.7	2
3043	451	6	158	58.8	-19
3045	397	13	147	62.7	-15
3046	419	9	158	63.5	-12
3047	437	14	146	56.6	-8
3048	486	27	192	67.7	14
3049	419	21	150	61.2	-4
3050	371	24	144	66.9	4
3051	364	8	142	65.7	5
3052	463	28	170	63.1	18
3055	407	21	159	66.8	14
3057	409	27	167	70.4	8
3058	413	11	154	63.0	-4

REPRODUCTION STUDY

96-40808

E-134

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3059	430	8	140	54.8	-7
3061	444	10	152	57.7	-5
3063	456	12	157	58.1	-3
3064	444	18	163	62.5	-2
3065	406	30	171	72.9	52
3066	404	19	160	67.6	-1
3067	470	21	169	61.3	-8
3069	458	19	S	S	S
3070	406	17	S	S	S

T = TECHNICAL PROBLEM

S = SPILLAGE

NO. OF ANIMALS	30	30	27	27	27	30
MEANS	421.7	17.9	157.6	63.6	-0.6	279.9
STD. DEV.	39.5	6.9	15.3	5.4	14.8	28.1

REPRODUCTION STUDY

96-40808

E-135
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
4031	474	23	187	67.4	11	305
4033	441	12	157	60.2	4	289
4035	483	25	177	62.7	2	348
4037	473	18	180	64.7	8	308
4039	446	24	163	62.6	-4	282
4041	454	21	170	63.9	2	307
4043	412	27	171	71.5	4	286
4045	414	17	154	63.3	-3	276
4046	426	27	167	67.5	8	287
4047	409	20	141	58.9	-1	250
4049	425	15	167	66.7	-8	335
4050	411	35	165	69.9	11	277
4052	443	25	166	64.3	4	272
4054	378	23	148	67.3	6	261
4056	336	11	125	63.0	0	195
4058	397	18	152	65.3	-3	277
4060	419	19	168	68.4	2	296
4062	382	25	152	68.6	0	271
4064	443	11	168	64.0	3	276
4066	446	19	172	65.7	-4	310
4068	442	17	170	65.4	-1	279

REPRODUCTION STUDY

96-40808

E-136
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4070	446	19	164	62.6	7	296
4071	462	15	167	61.2	-9	314
4072	436	10	155	59.9	1	262
4073	440	8	160	61.2	1	271
4074	436	15	167	65.0	13	277
4076	391	21	154	67.5	-6	286
4077	355	15	133	63.8	7	222
4079	351	20	138	67.4	8	244
4081	396	20	171	73.8	3	277
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	422.2	19.2	161.0	65.1	2.2	281.2
STD. DEV.	36.6	5.9	13.9	3.4	5.6	30.1

REPRODUCTION STUDY

96-40808

E-137

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1531	239	14	110	79.0	2
1533	273	3	111	68.1	-16
1535	278	16	116	71.6	-16
1537	276	3	114	69.2	-17
1538	271	2	124	76.5	-11
1539	281	12	121	73.3	-16
1540	237	6	102	72.6	-13
1541	230	0	111	80.4	-8
1542	244	5	101	69.7	-6
1543	258	16	106	70.7	-4
1545	258	14	121	80.3	-1
1547	260	15	127	83.8	-1
1549	227	16	120	91.3	3
1551	276	5	113	68.9	-20
1553	275	9	123	75.8	2
1555	262	12	121	78.8	-6
1557	244	12	110	77.0	9
1558	229	4	101	74.2	-9
1559	215	0	88	68.2	-10
1561	253	15	110	74.7	-3
1563	237	-2	S	S	S

REPRODUCTION STUDY

96-40808

E-138
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1565	270	15	117	74.3	2
1566	267	7	126	79.7	0
1568	237	8	113	80.8	3
1570	287	11	124	73.4	-6
1572	276	2	123	74.5	-9
1574	247	5	110	75.0	-16
1576	274	8	122	75.3	-15
1578	238	11	102	73.1	-4
1580	239	8	101	71.6	1

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	255.3	8.4	113.4	75.2	-6.4	136.5
STD. DEV.	19.6	5.5	9.5	5.2	7.6	24.5

REPRODUCTION STUDY

96-40808

E-139

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2532	270	3	S	S	S	134
2533	256	5	104	68.4	-9	122
2534	291	-11	124	69.7	-20	143
2536	268	4	132	82.7	-1	143
2538	257	8	111	73.1	-3	120
2540	263	11	119	77.0	-3	153
2541	256	7	114	75.2	-18	124
2543	244	12	130	91.0	0	143
2544	244	4	114	78.5	-9	111
2546	273	7	124	76.7	-12	154
2548	243	5	102	70.7	-11	114
2550	220	16	S	S	S	123
2552	226	5	103	76.8	-7	101
2553	246	8	102	70.2	-4	112
2554	267	11	122	77.8	10	134
2555	278	26	142	89.3	21	138
2556	264	6	129	82.4	-14	124
2557	265	5	127	80.6	15	102
2558	263	1	117	74.3	-15	102
2559	274	5	122	74.9	-14	133
2561	235	7	100	72.0	-7	125

REPRODUCTION STUDY

96-40808

E-140 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2563	289	24	131	78.8	4
2566	265	10	130	83.3	10
2567	236	10	110	79.4	-2
2569	226	2	103	76.3	-7
2571	245	9	120	83.2	-4
2573	249	11	134	91.7	4
2575	251	10	133	90.1	9
2577	232	11	111	81.7	-1

S = SPILLAGE

NO. OF ANIMALS	29	29	27	27	27	29
MEANS	255.0	8.0	118.9	78.7	-3.3	125.7
STD. DEV.	18.4	6.7	11.9	6.5	10.1	17.3

REPRODUCTION STUDY

96-4080B

E-141
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3531	270	14	125	79.2	6
3532	277	16	145	89.8	18
3533	257	25	140	95.4	10
3534	253	18	117	79.9	-11
3535	246	11	S	S	S
3536	227	-2	115	84.1	-4
3537	202	10	122	103.2	22
3538	222	8	107	81.8	-6
3539	230	-3	109	78.5	-2
3541	231	17	119	89.1	-8
3543	265	8	126	80.5	4
3545	231	12	114	84.4	-3
3547	258	-10	93	58.9	-24
3549	246	5	107	73.2	-14
3550	233	6	116	84.1	-8
3551	219	7	100	77.3	-5
3553	239	3	98	68.8	-8
3554	293	13	114	66.3	-13
3555	252	0	113	74.7	-1
3556	215	1	102	79.3	-22
3557	237	12	119	85.9	11

REPRODUCTION STUDY

96-40808

E-142

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3558	288	-6	150	85.9	5
3559	291	2	131	75.3	-20
3560	288	-2	106	61.1	-29
3562	276	2	130	78.8	-13
3564	250	-4	121	80.0	1
3565	226	12	106	80.3	-6
3566	246	1	116	78.8	-3
3567	270	10	129	81.1	-9
3568	206	19	95	80.6	90

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	248.1	6.8	116.7	79.9	-1.4	127.1
STD. DEV.	25.6	8.3	14.1	9.1	21.1	24.7

REPRODUCTION STUDY

96-40808

E-143
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4531	276	1	124	75.0	-5	135
4533	285	11	130	77.5	1	142
4535	253	6	114	76.0	-5	127
4537	243	16	109	77.3	7	101
4538	265	10	130	83.3	22	128
4540	305	14	142	79.4	-4	172
4542	246	6	117	80.2	7	115
4545	213	7	98	78.0	5	117
4546	233	5	108	78.1	8	115
4548	259	1	131	84.5	4	184
4549	261	-3	128	81.3	0	134
4551	286	5	128	75.2	4	147
4552	266	6	121	76.7	-6	147
4554	268	5	128	80.4	6	126
4555	250	4	118	79.3	-2	117
4556	225	-10	114	82.6	-11	117
4557	242	-2	109	74.8	-6	131
4558	246	4	108	73.8	-4	139
4560	275	6	127	77.8	7	135
4562	246	3	113	77.0	11	110
4563	224	5	99	74.5	-6	97

REPRODUCTION STUDY

96-40808

E-144

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 27

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	213	-4	102	79.1	0
4566	269	9	136	85.7	-5
4568	261	9	117	76.0	-4
4570	233	3	108	77.8	-10
4572	272	3	120	73.9	-4
4574	225	10	109	82.6	-3
4575	234	1	102	72.8	-5
4577	192	10	101	90.0	-4
4579	247	5	114	77.7	-9
NO. OF ANIMALS	30	30	30	30	30
MEANS	250.4	4.9	116.8	78.6	-0.4
STD. DEV.	24.8	5.4	11.6	3.9	7.2
					19.6

REPRODUCTION STUDY

96-40808

E-145
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
1031	466	30	170	62.8	16	294
1032	435	26	166	65.6	19	358
1033	509	30	189	63.8	29	352
1035	468	23	166	60.6	12	324
1037	383	25	135	60.7	7	261
1039	422	21	147	59.5	12	286
1041	338	17	132	66.8	15	263
1043	407	17	148	61.9	11	260
1045	450	22	168	63.8	4	313
1047	394	17	153	66.1	3	326
1048	351	17	148	72.0	19	291
1052	423	8	155	61.7	-3	279
1054	415	19	5	5	5	282
1056	435	14	160	62.3	0	297
1057	447	11	176	66.4	17	315
1058	344	13	137	67.7	11	235
1060	434	9	154	59.8	-10	274
1061	434	19	159	62.4	7	277
1062	439	23	164	63.9	28	302
1063	445	23	146	56.1	-3	322
1064	445	24	169	65.1	5	294

REPRODUCTION STUDY

96-40808

E-146
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1066	377	13	135	60.7	2
1068	473	15	182	58.0	5
1070	431	23	172	68.3	23
1071	445	21	174	66.7	6
1072	470	24	186	67.7	36
1074	433	15	165	64.6	14
1076	444	23	167	64.4	26
1078	488	26	189	66.3	22

S = SPILLAGE

NO. OF ANIMALS	29	29	28	28	28	29
MEANS	429.1	19.6	160.4	63.8	11.9	293.0
STD. DEV.	40.9	5.8	15.7	3.5	10.9	31.1

REPRODUCTION STUDY

96-40808

E-147

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
2031	439	20	156	60.6	8	279
2033	560	13	176	53.0	-11	378
2034	456	2	165	60.4	-7	309
2036	553	19	199	61.0	7	381
2037	487	11	154	53.3	-13	334
2038	413	16	147	60.5	11	291
2040	351	9	129	62.0	3	229
2042	370	-22	119	52.1	-27	262
2044	439	15	159	61.4	4	293
2046	462	10	160	58.4	-12	341
2048	494	13	154	52.6	-17	344
2050	422	15	156	62.7	2	303
2052	332	17	122	62.9	-6	213
2054	443	19	161	61.9	13	295
2056	492	29	193	67.4	31	331
2058	538	27	189	60.1	13	353
2060	432	27	155	61.7	5	289
2062	455	20	170	63.7	11	318
2064	500	27	184	63.0	14	341
2066	377	-62	58	23.7	-100	220
2067	483	26	174	61.7	11	330

REPRODUCTION STUDY

96-40808

E-148

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2068	406	12	151	62.9	0
2070	455	23	179	67.3	4
2072	449	16	164	62.0	9
2073	452	15	180	67.5	-1
2074	476	24	186	66.8	2
2075	440	18	167	64.6	2
2076	431	14	167	65.6	3
2077	450	17	155	58.5	2
2078	490	14	188	64.9	2
NO. OF ANIMALS	30	30	30	30	30
MEANS	451.6	13.5	160.6	60.1	-1.2
STD. DEV.	53.2	17.1	27.4	8.1	21.7

REPRODUCTION STUDY

96-40808

E-149
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
3031	534	27	191	61.2	17	350
3032	510	20	184	61.3	-6	327
3033	379	23	159	72.1	7	283
3034	403	25	160	68.3	38	316
3035	437	24	167	65.5	3	335
3037	438	15	157	60.8	4	281
3039	401	31	155	67.0	19	280
3041	418	32	174	72.1	23	353
3042	403	30	186	79.9	21	338
3043	478	27	174	62.4	16	315
3045	418	21	182	74.4	35	269
3046	438	19	172	66.9	14	298
3047	461	24	175	65.0	29	289
3048	517	31	201	66.8	9	322
3049	441	22	154	59.7	4	328
3050	392	21	141	61.6	-3	282
3051	378	14	145	65.1	3	230
3052	486	23	184	64.6	14	337
3055	423	16	166	66.7	7	255
3057	439	30	175	68.8	8	318
3058	426	13	168	66.7	14	302

REPRODUCTION STUDY

96-4080B

E-150

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3059	457	27	164	61.6	24	291
3061	465	21	165	60.5	13	317
3063	472	16	171	61.4	14	281
3064	455	11	158	58.6	-5	291
3065	411	5	165	67.3	-6	252
3066	420	16	162	65.5	2	264
3067	479	9	187	65.7	18	333
3069	483	25	198	70.1	T	323
3070	419	13	S	S	S	268

T = TECHNICAL PROBLEM

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	27	30
MEANS	442.7	21.0	170.3	65.8	12.2	300.9
STD. DEV.	39.9	7.1	14.7	4.8	11.7	31.4

REPRODUCTION STUDY

96-40808

E-151
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4031	495	21	187	64.3	0	326
4033	466	25	171	62.8	14	314
4035	508	25	177	59.5	0	373
4037	503	30	192	65.6	12	338
4039	462	16	168	61.7	5	298
4041	475	21	177	63.5	7	328
4043	430	18	172	68.1	1	304
4045	431	17	154	60.7	0	293
4046	437	11	170	65.7	3	298
4047	430	21	169	67.1	28	271
4049	442	17	178	68.4	11	352
4050	432	21	164	64.8	-1	298
4052	460	17	172	63.5	6	289
4054	400	22	155	66.4	7	283
4056	344	8	123	60.3	-2	203
4058	420	23	157	64.1	5	300
4060	451	32	180	69.0	12	328
4062	399	17	5	5	5	288
4064	465	22	180	66.1	12	298
4066	470	24	182	66.2	10	334
4068	464	22	182	67.0	12	301

REPRODUCTION STUDY

96-40808

E-152

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL - 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4070	462	16	172	63.1	8	312
4071	480	18	185	65.5	18	332
4072	461	25	177	65.8	22	287
4073	457	17	161	59.8	1	288
4074	447	11	166	62.7	-1	288
4076	415	24	159	65.8	5	310
4077	359	4	137	64.0	4	226
4079	373	22	143	65.8	5	266
4081	411	15	172	71.0	1	292

S - SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	441.6	19.4	168.3	64.8	7.1	300.6
STD. DEV.	39.5	6.0	15.3	2.8	7.2	33.4

REPRODUCTION STUDY

96-4080B

E-153
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
1531	238	-1	117	81.8	7	106
1533	276	3	115	69.8	4	201
1535	281	3	136	81.1	20	152
1537	269	-7	127	77.7	13	141
1538	271	0	131	80.6	7	153
1539	280	-1	130	77.2	9	153
1540	233	-4	108	76.6	6	138
1541	222	-8	96	70.8	-15	96
1542	248	4	101	68.4	0	113
1543	265	7	120	76.5	14	128
1545	281	23	125	77.3	4	176
1547	256	-4	109	70.4	-18	190
1549	230	3	110	80.2	-10	169
1551	282	6	133	79.5	20	142
1553	282	7	124	74.2	1	144
1555	275	13	118	73.2	-3	155
1557	245	1	104	70.9	-6	128
1558	239	10	108	76.9	7	124
1559	224	9	94	71.4	6	103
1561	272	19	117	74.3	7	165
1563	239	2	129	90.3	T	115

REPRODUCTION STUDY

96-40808

E-154
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1565	273	3	103	63.2	-14
1566	264	-3	113	70.9	-13
1568	234	-3	107	75.7	-6
1570	294	7	130	74.6	6
1572	286	10	126	74.7	3
1574	242	-5	117	79.8	7
1576	273	-1	132	80.4	10
1578	242	4	125	86.8	23
1580	247	8	102	70.0	1

T = TECHNICAL PROBLEM

NO. OF ANIMALS	30	30	30	30	29	30
MEANS	258.8	3.5	116.9	75.8	3.1	140.0
STD. DEV.	21.1	7.2	11.9	5.6	10.5	25.7

REPRODUCTION STUDY

96-40808

E-155 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2532	280	10	132	80.0	144
2533	255	-1	116	75.7	121
2534	300	9	126	71.1	152
2536	266	-2	123	76.8	141
2538	254	-3	101	65.9	117
2540	260	-3	109	69.5	150
2541	263	7	120	77.1	131
2543	255	11	130	86.8	154
2544	241	-3	107	73.5	108
2546	277	4	134	81.2	158
2548	246	3	113	77.0	117
2550	224	4	107	80.3	127
2552	245	19	109	77.1	120
2553	247	1	107	72.3	113
2554	266	-1	121	75.7	133
2555	281	3	143	85.3	141
2556	272	8	137	85.2	132
2557	276	11	118	72.7	113
2558	267	4	113	71.1	106
2559	281	7	124	74.5	140
2561	257	22	123	83.3	147

REPRODUCTION STUDY

96-40808

E-156 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2563	290	1	108	62.2	-23	168
2566	272	7	127	78.8	-3	134
2567	245	9	119	82.5	9	114
2569	235	9	118	85.3	15	111
2571	275	30	149	95.5	29	155
2573	251	2	S	S	S	142
2575	262	11	136	88.4	3	125
2577	258	26	137	93.2	26	136

T = TECHNICAL PROBLEM

S = SPILLAGE

NO. OF ANIMALS	29	29	28	28	26	29
MEANS	262.1	7.1	121.7	78.5	3.5	132.8
STD. DEV.	17.0	8.4	12.3	7.7	11.9	16.8

REPRODUCTION STUDY

96-40808

E-157
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
3531	278	8	128	77.9	3	143
3532	283	6	145	86.3	0	149
3533	261	4	132	84.9	-8	176
3534	260	7	120	78.0	3	173
3535	253	7	117	78.2	T	149
3536	245	18	124	87.6	9	145
3537	208	6	149	121.1	27	104
3538	224	2	91	68.0	-16	114
3539	241	11	108	76.4	-1	123
3541	231	0	117	84.4	-2	172
3543	269	4	123	76.8	-3	139
3545	242	11	128	90.2	14	127
3547	268	10	S	S	S	118
3549	254	8	104	69.3	-3	151
3550	235	2	111	79.1	-5	139
3551	230	11	114	84.6	14	113
3553	253	14	106	71.8	8	115
3554	301	8	131	73.5	17	167
3555	264	12	128	82.7	15	132
3556	219	4	118	90.6	16	107
3557	244	7	135	93.6	16	121

REPRODUCTION STUDY

96-40808

E-158

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
3558	310	22	145	80.8	-5	171
3559	296	5	147	83.5	16	139
3560	290	2	126	72.7	20	150
3562	266	-10	S	S	S	123
3564	263	13	136	88.4	15	120
3565	232	6	114	83.0	8	103
3566	246	0	120	81.3	4	127
3567	278	8	134	81.5	5	145
3568	216	10	81	64.0	-14	75

T = TECHNICAL PROBLEM

S = SPILLAGE

NO. OF ANIMALS	30	30	28	28	27	30
MEANS	255.3	7.2	122.6	81.8	5.7	134.3
STD. DEV.	25.8	5.9	16.1	10.5	10.8	24.1

REPRODUCTION STUDY

96-40808

E-159

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
4531	285	9	109	64.8	-15	144
4533	276	-9	124	73.7	-6	133
4535	258	5	117	76.3	3	132
4537	251	8	107	72.2	-2	109
4538	289	24	133	80.0	3	152
4540	315	10	141	75.8	-1	182
4542	260	14	115	75.8	-2	129
4545	215	2	104	81.0	6	119
4546	236	3	101	71.8	-7	118
4548	271	12	130	81.8	-1	196
4549	277	16	137	84.9	9	150
4551	292	6	138	79.6	10	153
4552	270	4	143	88.9	22	151
4554	278	10	123	75.1	-5	136
4555	255	5	112	73.9	-6	122
4556	238	13	111	79.9	-3	130
4557	257	15	108	72.1	-1	146
4558	250	4	114	76.6	6	143
4560	282	7	138	82.6	11	142
4562	256	10	124	82.3	11	120
4563	231	7	107	78.4	8	104

REPRODUCTION STUDY

96-40808

E-160
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 28

DOSE LEVEL - 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	227	14	106	80.3	4	124
4566	275	6	116	71.1	-20	140
4568	272	11	116	72.5	-1	162
4570	242	9	118	82.8	10	107
4572	275	3	118	71.9	-2	143
4574	228	3	106	78.0	-3	140
4575	237	3	97	68.6	-5	116
4577	197	5	96	82.3	-5	137
4579	247	0	114	76.9	0	133
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	258.1	7.6	117.4	77.1	0.6	137.1
STD. DEV.	25.5	6.0	13.2	5.3	8.3	20.3

REPRODUCTION STUDY

96-40808

E-161
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
1031	476	10	164	58.0	-6	304
1032	447	12	159	60.1	-7	370
1033	522	13	179	57.9	-10	365
1035	483	15	162	56.8	-4	339
1037	394	11	134	57.5	-1	272
1039	434	12	140	54.5	-7	298
1041	348	10	125	60.7	-7	273
1043	422	15	141	56.7	-7	275
1045	460	10	165	60.4	-3	323
1047	424	30	157	64.0	4	356
1048	362	11	140	65.5	-8	302
1052	434	11	154	59.9	-1	290
1054	435	20	153	60.0	T	302
1056	448	13	158	59.6	-2	310
1057	464	17	159	58.2	-17	332
1058	359	15	129	61.2	-8	250
1060	452	18	167	62.8	13	292
1061	444	10	150	56.9	-9	287
1062	454	15	160	59.7	-4	317
1063	463	18	163	59.8	17	340
1064	453	8	168	62.4	-1	302

REPRODUCTION STUDY

96-40808

E-162 APPENDIX E (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1066	387	10	138	60.2	3
1068	495	22	169	58.2	7
1070	454	23	174	65.5	2
1071	463	18	170	62.4	-4
1072	485	15	168	58.6	-18
1074	431	-2	121	46.7	-44
1076	458	14	155	57.3	-12
1078	497	9	175	59.2	-14

T = TECHNICAL PROBLEM

NO. OF ANIMALS	29	29	29	29	28	29
MEANS	443.0	13.9	155.1	59.3	-5.3	306.9
STD. DEV.	41.4	5.8	15.5	3.6	11.0	33.2

REPRODUCTION STUDY

96-40808

E-163

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2031	448	9	158	59.4	2
2033	590	30	193	55.9	17
2034	477	21	178	63.6	13
2036	569	16	201	59.7	2
2037	504	17	158	53.1	4
2038	420	7	132	52.8	-15
2040	369	18	130	60.2	1
2042	372	2	5	5	5
2044	446	7	163	61.4	4
2046	471	9	164	58.6	4
2048	503	9	169	56.5	15
2050	439	17	151	58.5	-5
2052	345	13	124	61.1	2
2054	462	19	157	57.8	-4
2056	510	18	186	61.9	-7
2058	559	21	194	58.9	5
2060	443	11	142	54.1	-13
2062	463	8	153	55.6	-17
2064	526	26	178	57.8	-6
2066	392	15	137	59.4	79
2067	495	12	153	52.1	-21

REPRODUCTION STUDY

96-40808

E-164
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
2068	425	19	141	56.6	-10
2070	475	20	171	61.3	-8
2072	473	24	155	56.0	-9
2073	467	15	172	62.4	-8
2074	492	16	184	63.4	-2
2075	458	18	169	62.7	2
2076	458	27	168	63.0	1
2077	460	10	152	55.7	-3
2078	517	27	184	60.9	-4

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	467.6	16.0	162.7	58.6	0.7	320.1
STD. DEV.	56.2	6.8	20.0	3.3	17.5	44.1

REPRODUCTION STUDY

96-40808

E-165
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
3031	548	14	179	55.1	-12	364
3032	526	16	171	55.0	-13	343
3033	395	16	153	65.9	-6	299
3034	418	15	153	62.1	-7	331
3035	449	12	148	55.7	-19	347
3037	452	14	155	58.1	-2	295
3039	416	15	165	67.3	10	295
3041	442	24	173	67.1	-1	377
3042	423	20	172	69.4	-14	358
3043	494	16	179	61.4	5	331
3045	447	29	182	70.1	0	298
3046	457	19	179	66.7	7	317
3047	485	24	177	62.4	2	313
3048	524	7	186	59.6	-15	329
3049	464	23	156	57.5	2	351
3050	409	17	141	58.7	0	299
3051	399	21	152	65.2	7	251
3052	505	19	178	59.9	-6	356
3055	435	12	158	61.4	-8	267
3057	457	18	177	65.8	2	336
3058	439	13	167	64.4	-1	315

REPRODUCTION STUDY

96-4080B

E-166

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY G/INT	WT. CHG. FROM WEEK 19
3059	466	9	159	57.4	-5
3061	479	14	143	50.5	-22
3063	484	12	165	57.5	-6
3064	464	9	162	58.8	4
3065	427	16	169	67.2	4
3066	431	11	151	59.1	-11
3067	498	19	182	62.1	-5
3069	499	16	193	65.5	-5
3070	431	12	S	S	S

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	458.8	16.1	166.4	61.6	-4.0	317.0
STD. DEV.	39.0	4.9	13.7	4.9	8.0	32.2

REPRODUCTION STUDY

96-40808

E-167
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION CHANGE G/INT	WT. CHG. FROM WEEK 19	
4031	512	17	181	59.9	-6	343
4033	482	16	169	59.4	-2	330
4035	524	16	174	56.2	-3	389
4037	538	35	199	63.7	7	373
4039	483	21	168	59.3	0	319
4041	498	23	173	59.3	-4	351
4043	459	29	171	64.1	-1	333
4045	451	20	166	62.7	12	313
4046	460	23	167	62.1	-3	321
4047	445	15	160	61.0	-9	286
4049	473	31	183	66.7	5	383
4050	452	20	167	63.0	3	318
4052	479	19	166	58.9	-6	308
4054	418	18	150	61.1	-5	301
4056	367	23	125	58.6	2	226
4058	441	21	177	68.5	20	321
4060	469	18	175	63.4	-5	346
4062	418	19	S	S	S	307
4064	453	-12	165	59.9	-15	286
4066	486	16	181	63.1	-1	350
4068	490	26	178	62.2	-4	327

REPRODUCTION STUDY

96-40808

E-168

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
4070	493	31	181	63.2	9	343
4071	507	27	190	64.2	5	359
4072	492	31	180	63.0	3	318
4073	470	13	155	55.7	-6	301
4074	461	14	156	57.3	-10	302
4076	435	20	165	64.7	6	330
4077	367	8	129	59.2	-8	234
4079	398	25	147	63.6	4	291
4081	435	24	182	71.7	10	316

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	461.9	20.2	168.3	61.9	-0.1	320.8
STD. DEV.	40.9	8.6	16.2	3.5	7.5	36.1

REPRODUCTION STUDY

96-40808

E-169
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
1531	252	14	114	77.6	-3	120
1533	290	14	123	72.4	8	215
1535	294	13	136	78.8	0	165
1537	283	14	121	73.1	-6	155
1538	289	18	131	78.0	0	171
1539	299	19	133	76.6	3	172
1540	255	22	113	77.2	5	160
1541	232	10	112	82.2	16	106
1542	248	0	88	59.1	-13	113
1543	269	4	107	66.8	-13	132
1545	278	-3	133	79.3	8	173
1547	270	14	117	74.1	8	204
1549	237	7	113	80.7	3	176
1551	304	22	140	79.6	7	164
1553	295	13	5	5	5	157
1555	269	-6	113	69.2	-5	149
1557	249	4	104	70.2	0	132
1558	250	11	111	75.7	3	135
1559	234	10	103	75.0	9	113
1561	267	-5	106	65.6	-11	160
1563	253	14	131	88.8	2	129

REPRODUCTION STUDY

96-40808

E-170
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 0.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
1565	279	6	105	63.4	2
1566	262	-2	107	67.8	-6
1568	250	16	105	72.3	-2
1570	310	16	128	70.6	-2
1572	305	19	137	77.3	11
1574	261	19	126	83.5	9
1576	277	4	122	73.9	-10
1578	247	5	110	75.0	-15
1580	252	5	106	70.8	4

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	268.7	9.9	117.1	74.3	0.4	149.9
STD. DEV.	22.4	8.0	12.8	6.3	7.9	26.9

REPRODUCTION STUDY

96-40808

E-171
APPENDIX E (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2532	289	9	113	66.2	-19	153
2533	272	17	106	67.0	-10	138
2534	311	11	125	68.2	-1	163
2536	275	9	122	75.2	-1	150
2538	269	15	112	71.4	11	132
2540	274	14	107	66.8	-2	164
2541	263	0	111	70.3	-9	131
2543	268	13	128	81.6	-2	167
2544	244	3	114	78.4	7	111
2546	285	8	123	73.0	-11	166
2548	253	7	109	72.8	-4	124
2550	227	3	106	78.3	-1	130
2552	237	-8	89	61.5	-20	112
2553	286	39	136	85.1	29	152
2554	282	16	114	69.3	-7	149
2555	296	15	134	77.4	-9	156
2556	277	5	133	80.8	-4	137
2557	280	4	96	57.6	-22	117
2558	278	11	118	72.2	5	117
2559	283	2	117	69.1	-7	142
2561	251	-6	95	62.3	-28	141

REPRODUCTION STUDY

96-40808

E-172

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 10.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 19
2563	303	13	118	66.3	10	181
2566	276	4	113	68.7	-14	138
2567	248	3	S	S	S	117
2569	245	10	112	77.8	-6	121
2571	265	-10	114	70.4	-35	145
2573	265	14	S	S	S	156
2575	259	-3	113	72.3	-23	122
2577	263	5	124	79.3	-13	141

S = SPILLAGE

NO. OF ANIMALS	29	29	27	27	27	29
MEANS	269.8	7.7	114.9	71.8	-6.9	140.4
STD. DEV.	19.4	9.4	11.4	6.6	13.2	18.6

REPRODUCTION STUDY

96-40808

E-173

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19	
3531	297	19	120	69.6	-8	162
3532	308	25	150	84.6	5	174
3533	257	-4	113	72.7	-19	172
3534	252	-8	99	64.5	-21	165
3535	250	-3	115	76.2	-2	146
3536	254	9	120	80.2	-4	154
3537	215	7	109	85.9	-40	111
3538	232	8	104	76.0	13	122
3539	256	15	105	70.4	-3	138
3541	233	2	98	70.4	-19	174
3543	280	11	130	78.9	7	150
3545	246	4	113	77.2	-15	131
3547	281	13	112	68.0	7	131
3549	263	9	108	69.6	4	160
3550	239	4	102	71.7	-9	143
3551	238	8	106	75.5	-8	121
3553	259	6	100	65.1	-6	121
3554	308	7	124	67.9	-7	174
3555	268	4	122	76.4	-6	136
3556	225	6	125	93.8	7	113
3557	249	5	108	73.0	-27	126

REPRODUCTION STUDY

96-40808

E-174

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
3558	312	2	S	S	173
3559	310	14	154	84.7	153
3560	306	16	132	73.8	166
3562	287	21	137	82.6	T 144
3564	276	13	131	81.0	-5 133
3565	236	4	98	69.8	-16 107
3566	258	12	120	79.4	0 139
3567	285	7	124	73.4	-10 152
3568	257	41	147	103.6	66 116

T = TECHNICAL PROBLEM

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	27	30
MEANS	264.6	9.2	118.1	76.4	-4.1	143.6
STD. DEV.	27.6	9.3	15.6	8.5	18.4	21.0

REPRODUCTION STUDY

96-4080B

E-175

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4531	292	7	126	72.8	17
4533	295	19	133	77.6	9
4535	267	9	121	76.8	4
4537	259	8	122	79.7	15
4538	286	-3	128	74.2	-5
4540	321	6	141	73.9	0
4542	269	9	118	74.4	3
4545	224	9	98	74.4	-6
4546	236	0	98	69.2	-3
4548	286	15	143	85.6	13
4549	283	6	112	66.7	-25
4551	302	10	202	113.4	64
4552	273	3	118	72.4	-25
4554	285	7	118	69.9	-5
4555	264	9	121	77.7	9
4556	242	4	120	83.3	9
4557	269	12	118	74.8	10
4558	261	11	110	71.8	-4
4560	294	12	140	81.0	2
4562	252	-4	114	74.8	-10
4563	248	17	114	79.3	7

REPRODUCTION STUDY

96-40808

E-176

APPENDIX E (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
PREMATING TREATMENT PERIOD - P2 GENERATION

WEEK #: 29

DOSE LEVEL = 1100.0000 PPM

FEMALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 19
4564	233	6	113	81.9	7
4566	283	8	134	80.0	18
4568	287	15	123	73.3	7
4570	241	-1	111	76.6	-7
4572	293	18	121	71.0	3
4574	231	3	110	79.9	4
4575	251	14	106	72.4	9
4577	200	3	97	81.4	1
4579	257	10	111	73.4	-3
NO. OF ANIMALS	30	30	30	30	30
MEANS	266.1	8.1	121.4	77.1	3.9
STD. DEV.	26.9	5.9	19.3	8.2	15.3
					22.0

APPENDIX F

REPRODUCTION STUDY

96-40808

F-1

APPENDIX F

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 30

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT
1031	478			
1032	456			
1033	513			
1035	482			
1037	395			
1039	427			
1041	347			
1043	429			
1045	451			
1047	425			
1048	367			
1052	440			
1054	432			
1056	442			
1057	456			
1058	358			
1060	441			
1061	456			
1062	458			
1063	458			

REPRODUCTION STUDY

96-40808

F-2

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 30

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT
1064	439				
1066	378				
1068	480				
1070	452				
1071	456				
1072	471				
1074	453				
1076	437				
1078	504				

NO. OF ANIMALS 29

MEAN 440.7

STD. DEV. 39.8

REPRODUCTION STUDY

96-40808

F-3

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 30

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT
2031	443				
2033	588				
2034	480				
2036	563				
2037	497				
2038	421				
2040	376				
2042	359				
2044	433				
2046	472				
2048	499				
2050	433				
2052	351				
2054	466				
2056	518				
2058	536				
2060	444				
2062	464				
2064	522				
2066	398				
2067	490				

REPRODUCTION STUDY

96-40808

F-4

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 30

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT
2068	410				
2070	476				
2072	475				
2073	474				
2074	485				
2075	455				
2076	454				
2077	463				
2078	505				

NO. OF ANIMALS 30

MEAN 465.0

STD. DEV. 54.5

REPRODUCTION STUDY

96-40808

F-5

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 30

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT
3031	548				
3032	521				
3033	391				
3034	430				
3035	457				
3037	442				
3039	417				
3041	448				
3042	431				
3043	489				
3045	454				
3046	451				
3047	491				
3048	521				
3049	473				
3050	413				
3051	390				
3052	512				
3055	426				
3057	456				
3058	437				

REPRODUCTION STUDY

96-40808

F-6

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 30

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	WEIGHT CHANGE G/INT
3059	457			
3061	474			
3063	475			
3064	459			
3065	435			
3066	434			
3067	498			
3069	483			
3070	441			

NO. OF ANIMALS 30

MEAN 458.5

STD. DEV. 37.9

REPRODUCTION STUDY

96-40808

F-7

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 30

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT
4031	504				
4033	475				
4035	518				
4037	511				
4039	464				
4041	493				
4043	434				
4045	430				
4046	456				
4047	451				
4049	489				
4050	450				
4052	440				
4054	422				
4056	376				
4058	441				
4060	460				
4062	426				
4064	457				
4066	480				
4068	477				

REPRODUCTION STUDY

96-40808

F-8

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 30

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT
4070	491				
4071	504				
4072	472				
4073	468				
4074	451				
4076	437				
4077	361				
4079	381				
4081	435				

NO. OF ANIMALS 30

MEAN 455.1

STD. DEV. 38.3

REPRODUCTION STUDY

96-4080B

F-9

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 31

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT
1031	493				
1032	472				
1033	534				
1035	492				
1037	375				
1039	435				
1041	357				
1043	447				
1045	468				
1047	444				
1048	393				
1052	452				
1054	457				
1056	456				
1057	474				
1058	383				
1060	462				
1061	474				
1062	482				
1063	466				
1064	456				

BFG 002850

REPRODUCTION STUDY

96-40808

F-10
APPENDIX F (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 31

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION CHANGE G/INT
1066	403			
1068	503			
1070	472			
1071	472			
1072	488			
1074	475			
1076	454			
1078	526			

NO. OF ANIMALS 29

MEAN 457.4

STD. DEV. 41.7

REPRODUCTION STUDY

96-4080B

F-11

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 31

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT
2031	456			
2033	603			
2034	479			
2036	581			
2037	525			
2038	431			
2040	388			
2042	393			
2044	446			
2046	485			
2048	511			
2050	462			
2052	368			
2054	470			
2056	535			
2058	559			
2060	456			
2062	470			
2064	539			
2066	431			
2067	517			

REPRODUCTION STUDY

96-40808

F-12
APPENDIX F (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 31

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT
2068	425				
2070	492				
2072	485				
2073	481				
2074	507				
2075	481				
2076	463				
2077	472				
2078	513				

NO. OF ANIMALS 30

MEAN 480.8

STD. DEV. 53.8

REPRODUCTION STUDY

96-40808

F-13

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 31

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD G/INT	CONSUMPTION ACTUAL G/KG/DAY	CHANGE G/INT
3031	559				
3032	526				
3033	410				
3034	434				
3035	478				
3037	472				
3039	432				
3041	470				
3042	455				
3043	513				
3045	478				
3046	467				
3047	502				
3048	537				
3049	492				
3050	428				
3051	406				
3052	535				
3055	436				
3057	476				
3058	449				

REPRODUCTION STUDY

96-40808

F-14
APPENDIX F (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 31

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT
3059	471				
3061	498				
3063	498				
3064	475				
3065	460				
3066	446				
3067	504				
3069	505				
3070	458				

NO. OF ANIMALS 30

MEAN 475.7

STD. DEV. 37.7

REPRODUCTION STUDY

96-40808

F-15

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 31

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT
4031	526				
4033	491				
4035	540				
4037	549				
4039	496				
4041	517				
4043	455				
4045	478				
4046	472				
4047	463				
4049	509				
4050	466				
4052	484				
4054	440				
4056	399				
4058	463				
4060	482				
4062	444				
4064	482				
4066	499				
4068	505				

REPRODUCTION STUDY

96-40808

F-16
APPENDIX F (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 31

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION CHANGE G/INT
4070	505			
4071	524			
4072	493			
4073	493			
4074	474			
4076	453			
4077	386			
4079	407			
4081	453			

NO. OF ANIMALS 30

MEAN 478.3

STD. DEV. 38.7

REPRODUCTION STUDY

96-40808

F-17

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 32

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	G/KG/DAY	CHANGE G/INT
1031	506	13	161	53.7	161
1032	477	5	151	53.0	151
1033	544	10	180	55.7	180
1035	500	8	156	52.4	156
1037	392	17	111	48.2	111
1039	440	5	134	51.0	134
1041	368	11	123	56.6	123
1043	459	12	141	51.9	141
1045	478	10	159	56.0	159
1047	459	15	156	57.6	156
1048	408	15	143	59.5	143
1052	463	11	158	57.6	158
1054	481	24	147	52.2	147
1056	469	13	160	57.7	160
1057	479	5	154	53.9	154
1058	390	7	130	56.1	130
1060	467	5	158	56.7	158
1061	487	13	159	55.2	159
1062	480	-2	151	52.3	151
1063	476	10	141	49.9	141
1064	472	16	161	57.8	161

REPRODUCTION STUDY

96-40808

F-18 APPENDIX F (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 32

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	FOOD CONSUMPTION CHANGE G/INT
1066	413	10	134	54.7	134
1068	509	6	148	48.7	148
1070	482	10	164	57.3	164
1071	490	18	181	62.7	181
1072	484	-4	146	50.1	146
1074	490	15	164	56.6	164
1076	461	7	146	53.2	146
1078	526	0	176	55.8	176
NO. OF ANIMALS	29	29	29	29	29
MEANS	467.2	9.8	151.5	54.6	151.5
STD. DEV.	40.2	6.1	15.8	3.3	15.8

REPRODUCTION STUDY

96-40808

F-19

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 32

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT
2031	454	-2	150	54.9
2033	620	17	182	49.6
2034	493	14	156	53.5
2036	594	13	182	51.6
2037	530	5	179	56.6
2038	435	4	132	50.8
2040	397	9	137	58.2
2042	441	48	158	63.1
2044	458	12	164	60.5
2046	492	7	161	54.9
2048	501	-10	157	51.7
2050	472	10	153	54.6
2052	376	8	131	58.7
2054	475	5	148	52.2
2056	534	-1	184	57.4
2058	558	-1	184	54.9
2060	456	0	132	48.2
2062	483	13	150	52.5
2064	534	-5	177	55.0
2066	457	26	147	55.2
2067	518	1	169	54.4

REPRODUCTION STUDY

96-40808

F-20

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 32

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	FOOD CONSUMPTION CHANGE G/INT
2068	439	14	150	57.9	150
2070	495	3	159	53.7	159
2072	484	-1	155	53.3	155
2073	486	5	163	56.2	163
2074	506	-1	168	55.3	168
2075	493	12	162	55.4	162
2076	469	6	156	55.8	156
2077	472	0	155	54.7	155
2078	515	2	172	55.8	172
NO. OF ANIMALS	30	30	30	30	30
MEANS	487.9	7.1	159.1	54.9	159.1
STD. DEV.	50.9	10.7	15.3	3.1	15.3

REPRODUCTION STUDY

96-40808

F-21

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 32

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT
3031	563	4	173	51.4
3032	521	-5	163	51.9
3033	409	-1	140	57.0
3034	454	20	169	63.4
3035	486	8	163	56.4
3037	478	6	150	52.6
3039	434	2	146	56.2
3041	477	7	164	57.7
3042	466	11	167	60.4
3043	519	6	171	55.2
3045	462	-16	158	56.0
3046	462	-5	148	53.1
3047	514	12	165	54.1
3048	545	8	175	53.9
3049	502	10	153	51.3
3050	435	7	139	53.7
3051	406	0	132	54.2
3052	548	13	182	56.0
3055	436	0	144	55.0
3057	495	19	180	61.8
3058	450	1	155	57.5

REPRODUCTION STUDY

96-40808

F-22 APPENDIX F (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 32

DOSE LEVEL • 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	FOOD CONSUMPTION CHANGE G/INT
3059	477	6	146	51.3	146
3061	514	16	168	55.3	168
3063	509	11	168	55.6	168
3064	492	17	160	55.2	160
3065	454	4	164	59.2	164
3066	456	10	163	60.2	163
3067	516	12	177	57.8	177
3069	499	-6	171	56.8	171
3070	461	3	174	63.1	174
NO. OF ANIMALS	30	30	30	30	30
MEANS	481.7	6.0	160.9	56.1	160.9
STD. DEV.	39.3	8.0	13.0	3.3	13.0

REPRODUCTION STUDY

96-40808

F-23
APPENDIX F (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 32

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	FOOD CONSUMPTION CHANGE G/INT
4031	532	6	176	55.5	176
4033	497	6	159	53.6	159
4035	559	19	172	52.2	172
4037	565	16	190	56.9	190
4039	499	3	157	52.6	157
4041	529	12	166	52.9	166
4043	474	19	157	56.3	157
4045	486	8	164	56.7	164
4046	478	6	162	56.8	162
4047	477	14	155	55.0	155
4049	520	11	176	57.0	176
4050	469	3	151	53.8	151
4052	491	7	182	62.2	182
4054	456	16	152	56.5	152
4056	410	11	125	51.5	125
4058	474	11	166	59.1	166
4060	490	8	172	59.0	172
4062	460	16	168	61.9	168
4064	500	18	169	57.4	169
4066	504	5	177	58.8	177
4068	507	2	169	55.7	169

REPRODUCTION STUDY

96-40808

F-24

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 32

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT
4070	523	18	180	58.4
4071	536	12	181	56.9
4072	504	11	175	58.5
4073	503	10	158	52.9
4074	489	15	159	55.0
4076	466	13	162	58.8
4077	396	10	144	61.4
4079	417	10	140	56.6
4081	459	6	176	64.3
NO. OF ANIMALS	30	30	30	30
MEANS	489.0	10.7	164.7	56.8
STD. DEV.	39.1	5.0	13.8	3.1

REPRODUCTION STUDY

96-40808

F-25

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 33

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
1031	507	1	155	51.0	-6	1
1032	483	6	152	52.8	1	6
1033	542	-2	150	46.0	-30	-2
1035	503	3	152	50.5	-4	3
1037	407	15	136	56.7	25	15
1039	443	3	131	49.5	-3	3
1041	388	20	135	59.5	12	20
1043	457	-2	137	49.9	-4	-2
1045	487	9	154	53.2	-5	9
1047	432	-27	119	44.5	-37	-27
1048	415	7	146	59.1	3	7
1052	464	1	157	56.5	-1	1
1054	501	20	175	59.4	28	20
1056	470	1	155	55.0	-5	1
1057	479	0	153	53.2	-1	0
1058	403	13	143	60.1	13	13
1060	464	-3	157	56.2	-1	-3
1061	499	12	175	59.2	16	12
1062	468	-12	128	45.0	-23	-12
1063	476	0	138	48.3	-3	0
1064	461	-11	144	51.4	-17	-11

REPRODUCTION STUDY

96-40808

F-26

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 33

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
1066	409	-4	132	53.5	-2	-4
1068	511	2	152	49.7	4	2
1070	487	5	154	53.0	-10	5
1071	499	9	174	58.6	-7	9
1072	489	5	145	49.7	-1	5
1074	497	7	163	55.0	-1	7
1076	470	9	151	54.1	5	9
1078	530	4	167	52.7	-9	4
NO. OF ANIMALS	29	29	29	29	29	29
MEANS	470.4	3.1	149.3	53.2	-2.2	3.1
STD. DEV.	38.7	9.5	14.0	4.4	13.8	9.5

REPRODUCTION STUDY

96-4080B

F-27

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 33

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 32
2031	463	9	157	57.1	7
2033	642	22	200	52.8	18
2034	497	4	166	55.9	10
2036	617	23	194	53.4	12
2037	540	10	171	53.3	-8
2038	439	4	131	50.0	-1
2040	399	2	133	55.7	-4
2042	465	24	164	60.3	6
2044	460	2	161	58.5	-3
2046	506	14	168	56.1	7
2048	508	7	156	51.5	-1
2050	489	17	166	57.6	13
2052	389	13	138	60.1	7
2054	486	11	158	54.8	10
2056	546	12	183	56.5	-1
2058	555	-3	165	49.4	-19
2060	476	20	153	54.7	21
2062	501	18	160	54.2	10
2064	563	29	169	51.4	-8
2066	473	16	159	57.0	12
2067	517	-1	160	51.5	-9

REPRODUCTION STUDY

96-40808

F-28 APPENDIX F (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 33

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION		CHANGE G/INT	WT. CHG. FROM WEEK 32
			ACTUAL G/INT	ACTUAL G/KG/DAY		
2068	455	16	149	55.6	-1	16
2070	497	2	155	52.1	-4	2
2072	489	5	149	51.0	-6	5
2073	500	14	173	58.5	10	14
2074	489	-17	121	40.5	-47	-17
2075	501	8	167	56.0	5	8
2076	476	7	152	53.6	-4	7
2077	474	2	143	50.4	-12	2
2078	515	0	160	51.8	-12	0
NO. OF ANIMALS	30	30	30	30	30	30
MEANS	497.6	9.7	159.4	54.0	0.3	9.7
STD. DEV.	52.7	9.6	16.8	3.9	13.1	9.6

REPRODUCTION STUDY

96-40808

F-29

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 33

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	FOOD CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
3031	561	-2	165	48.9	-8	-2
3032	532	11	170	53.8	7	11
3033	415	6	143	57.8	3	6
3034	461	7	157	57.2	-12	7
3035	498	12	169	57.2	6	12
3037	493	15	159	54.6	9	15
3039	446	12	143	54.2	-3	12
3041	486	9	165	57.1	1	9
3042	478	12	173	61.1	6	12
3043	514	-5	159	51.3	-12	-5
3045	440	-22	142	52.5	-16	-22
3046	454	-8	144	52.4	-4	-8
3047	511	-3	156	50.7	-9	-3
3048	555	10	172	52.1	-3	10
3049	506	4	154	50.9	1	4
3050	442	7	152	57.8	13	7
3051	412	6	135	55.0	3	6
3052	554	6	173	52.3	-9	6
3055	432	-4	138	53.0	-6	-4
3057	502	7	169	56.5	-11	7
3058	439	-11	137	51.4	-18	-11

REPRODUCTION STUDY

96-40808

F-30
APPENDIX F (cont.)
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 33

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
3059	466	-11	134	47.4	-12	-11
3061	515	1	158	51.2	-10	1
3063	510	1	160	52.3	-8	1
3064	502	10	156	52.3	-4	10
3065	471	7	163	58.1	-1	7
3066	457	1	154	56.2	-9	1
3067	519	3	171	55.1	-6	3
3069	509	10	173	57.2	2	10
3070	464	3	S	S	S	3

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	484.8	3.1	156.7	54.1	-3.8	3.1
STD. DEV.	40.5	8.4	12.6	3.2	7.8	8.4

REPRODUCTION STUDY

96-40808

F-31

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 33

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY G/INT	WT. CHG. FROM WEEK 32
4031	544	12	174	53.9	-2
4033	505	8	153	50.9	-6
4035	576	17	174	51.1	2
4037	574	9	177	51.8	-13
4039	510	11	160	52.9	3
4041	536	7	163	51.0	-3
4043	487	13	156	54.1	-1
4045	502	16	160	54.0	-4
4046	487	9	158	54.6	-4
4047	489	12	158	54.5	3
4049	530	10	171	54.3	-5
4050	473	4	149	52.7	-2
4052	497	6	161	54.3	-21
4054	469	13	156	56.2	4
4056	421	11	144	57.8	19
4058	491	17	167	57.7	1
4060	500	10	169	56.9	-3
4062	478	18	175	62.2	7
4064	503	3	172	57.2	3
4066	508	4	170	56.0	-7
4068	511	4	165	54.0	-4

REPRODUCTION STUDY

96-40808

F-32

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 33

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 32
4070	539	16	173	54.3	16
4071	538	2	163	50.6	2
4072	504	0	162	53.6	0
4073	517	14	165	53.9	14
4074	497	8	158	53.4	8
4076	464	-2	154	55.2	-2
4077	414	18	139	57.2	18
4079	423	6	S	S	6
4081	456	-3	152	55.4	-3

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	498.1	9.1	162.0	54.5	-3.5	9.1
STD. DEV.	39.1	5.9	9.5	2.5	8.8	5.9

REPRODUCTION STUDY

96-40808

F-33

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 34

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT	WEIGHT	FOOD CONSUMPTION		CHANGE G/INT	WT. CHG. FROM WEEK 32
	G	CHANGE G	ACTUAL G/INT	G/KG/DAY		
1031	522	15	166	53.8	11	16
1032	499	16	158	53.6	6	22
1033	567	25	189	56.8	39	23
1035	528	25	170	55.0	18	28
1037	419	12	142	57.3	6	27
1039	452	9	135	50.3	4	12
1041	400	12	140	59.2	5	32
1043	478	21	145	51.7	8	19
1045	498	11	167	56.5	13	20
1047	451	19	138	52.1	19	-8
1048	412	-3	139	56.0	-7	4
1052	470	6	158	56.4	1	7
1054	512	11	161	53.0	-14	31
1056	474	4	148	52.3	-7	5
1057	499	20	165	56.2	12	20
1058	411	8	139	56.9	-4	21
1060	477	13	164	58.1	7	10
1061	510	11	174	57.5	-1	23
1062	480	12	143	50.3	15	0
1063	480	4	143	49.9	5	4
1064	461	0	135	48.8	-9	-11

REPRODUCTION STUDY

96-40808

F-34

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 34

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
1066	416	7	137	55.4	5	3
1068	532	21	167	53.4	15	23
1070	482	-5	138	47.5	-16	0
1071	505	6	159	52.8	-15	15
1072	499	10	162	54.7	17	15
1074	508	11	167	55.4	4	18
1076	477	7	151	53.2	0	16
1078	533	3	178	55.8	11	7
NO. OF ANIMALS	29	29	29	29	29	29
MEANS	481.1	10.7	154.4	54.1	5.1	13.9
STD. DEV.	41.2	7.6	14.9	2.9	11.8	11.1

REPRODUCTION STUDY

96-40808

F-35

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 34

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
2031	471	8	152	54.2	-5	17
2033	656	14	195	50.1	-5	36
2034	500	3	158	52.8	-8	7
2036	614	-3	171	46.3	-23	20
2037	544	4	175	53.8	4	14
2038	454	15	141	52.6	10	19
2040	418	19	139	56.7	6	21
2042	488	23	172	60.2	8	47
2044	467	7	152	54.7	-9	9
2046	520	14	170	55.2	2	28
2048	503	-5	140	46.2	-16	2
2050	507	18	166	55.6	0	35
2052	400	11	134	56.6	-4	24
2054	496	10	157	53.3	-1	21
2056	558	12	187	56.5	4	24
2058	566	11	173	51.4	8	8
2060	494	18	165	56.7	12	38
2062	515	14	160	52.5	0	32
2064	573	10	170	49.9	1	39
2066	484	11	142	49.5	-17	27
2067	511	-6	153	49.6	-7	-7

REPRODUCTION STUDY

96-40808

F-36

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 34

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY G/INT	WT. CHG. FROM WEEK 32
2068	451	-4	98	36.1	-51
2070	498	1	149	49.9	-6
2072	512	23	164	54.6	15
2073	512	12	177	58.3	4
2074	509	20	163	54.4	42
2075	515	14	166	54.5	-1
2076	488	12	151	52.2	-1
2077	480	6	148	51.7	5
2078	517	2	156	50.4	-4
NO. OF ANIMALS	30	30	30	30	30
MEANS	507.4	9.8	158.1	52.5	-1.2
STD. DEV.	51.4	8.0	18.3	4.5	14.9

REPRODUCTION STUDY

96-40808

F-37

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 34

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
3031	582	21	173	50.5	8	19
3032	553	21	182	55.9	12	32
3033	436	21	153	59.9	10	27
3034	480	19	158	56.0	1	26
3035	520	22	173	56.6	4	34
3037	513	20	161	53.3	2	35
3039	454	8	145	53.7	2	20
3041	508	22	178	59.7	13	31
3042	498	20	174	59.4	1	32
3043	535	21	161	51.2	2	16
3045	468	28	168	61.7	26	6
3046	470	16	161	58.1	17	8
3047	521	10	154	49.7	-2	7
3048	564	9	179	53.3	7	19
3049	515	9	146	47.7	-8	13
3050	457	15	149	55.2	-3	22
3051	421	9	135	54.0	0	15
3052	574	20	176	52.0	3	26
3055	453	21	153	57.6	15	17
3057	523	21	178	57.9	9	28
3058	452	13	159	59.5	22	2

REPRODUCTION STUDY

96-40808

F-38

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 34

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION G/INT	ACTUAL G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
3059	479	13	149	52.6	15	2
3061	529	14	163	52.0	5	15
3063	526	16	160	51.5	0	17
3064	512	10	160	52.6	4	20
3065	485	14	158	55.1	-5	21
3066	474	17	164	58.7	10	18
3067	539	20	185	58.3	14	23
3069	516	7	174	56.6	1	17
3070	467	3	S	S	S	6

S = SPILLAGE

NO. OF ANIMALS	30	30	29	29	29	30
MEANS	500.8	16.0	163.1	55.2	6.4	19.1
STD. DEV.	41.2	5.9	12.5	3.6	8.0	9.3

REPRODUCTION STUDY

96-40808

F-39

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 34

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 32	
4031	556	12	183	55.5	9	24
4033	516	11	163	53.2	10	19
4035	588	12	171	49.0	-3	29
4037	580	6	173	50.0	-4	15
4039	509	-1	151	49.4	-9	10
4041	515	-21	131	41.5	-32	-14
4043	501	14	161	54.3	5	27
4045	512	10	158	51.9	-2	26
4046	491	4	156	53.2	-2	13
4047	497	8	146	49.4	-12	20
4049	531	1	167	52.5	-4	11
4050	490	17	154	53.3	5	21
4052	505	8	157	52.2	-4	14
4054	481	12	155	54.4	-1	25
4056	437	16	141	54.8	-3	27
4058	500	9	163	54.8	-4	26
4060	500	0	159	53.0	-10	10
4062	491	13	163	56.1	-12	31
4064	517	14	165	53.9	-7	17
4066	517	9	170	55.3	0	13
4068	528	17	168	53.9	3	21

REPRODUCTION STUDY

95-40808

F-40 APPENDIX F (cont.) VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 34

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 32
4070	548	9	177	54.3	4
4071	542	4	168	51.9	5
4072	506	2	161	53.1	-1
4073	521	4	160	51.4	-5
4074	502	5	155	51.7	-3
4076	463	-1	154	55.4	0
4077	416	2	133	53.4	-6
4079	427	4	134	52.5	T
4081	460	4	149	54.2	-3

T = TECHNICAL PROBLEM

NO. OF ANIMALS	30	30	30	30	29	30
MEANS	504.9	6.8	158.2	52.6	-3.0	15.9
STD. DEV.	39.0	7.5	12.5	2.8	7.9	10.3

REPRODUCTION STUDY

96-40808

F-41

APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 35

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
1031	533	11	167	52.8	1	27
1032	514	15	161	53.0	3	37
1033	592	25	189	54.4	0	48
1035	545	17	165	51.3	-5	45
1037	438	19	143	55.6	1	46
1039	466	14	138	50.1	3	26
1041	416	16	128	52.3	-12	48
1043	482	4	135	46.9	-10	23
1045	511	13	167	55.2	0	33
1047	459	8	146	53.5	8	0
1048	424	12	S	S	S	16
1052	483	13	151	52.8	-7	20
1054	523	11	159	51.2	-2	42
1056	483	9	154	53.6	6	14
1057	502	3	154	51.3	-11	23
1058	420	9	132	52.9	-7	30
1060	487	10	164	56.7	0	20
1061	526	16	164	52.8	-10	39
1062	502	22	151	51.3	8	22
1063	500	20	156	53.1	13	24
1064	489	28	177	62.1	42	17

REPRODUCTION STUDY

96-40808

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APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 35

DOSE LEVEL = 0.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL		CHANGE G/INT	WT. CHG. FROM WEEK 32
			G/INT	G/KG/DAY		
1066	426	10	137	54.2	0	13
1068	545	13	170	52.6	3	36
1070	501	19	159	53.9	21	19
1071	511	6	160	52.5	1	21
1072	514	15	156	51.3	-6	30
1074	517	9	161	52.4	-6	27
1076	482	5	148	51.4	-3	21
1078	550	17	173	53.2	-5	24
S = SPILLAGE						
NO. OF ANIMALS	29	29	28	28	28	29
MEANS	494.5	13.4	155.9	53.0	0.9	27.3
STD. DEV.	42.4	6.0	14.2	2.6	11.0	11.6

REPRODUCTION STUDY

96-40808

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APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 35

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 32
2031	474	3	153	54.0	1
2033	668	12	190	47.8	-5
2034	509	9	155	51.2	-3
2036	628	14	180	48.3	9
2037	562	18	175	52.7	0
2038	467	13	135	48.9	-6
2040	428	10	135	53.2	-4
2042	498	10	156	52.7	-16
2044	480	13	153	53.9	1
2046	524	4	159	50.8	-11
2048	529	26	174	56.2	34
2050	527	20	162	52.2	-4
2052	404	4	125	51.8	-9
2054	506	10	152	50.6	-5
2056	575	17	187	55.0	0
2058	583	17	187	54.3	14
2060	514	20	165	54.6	0
2062	519	4	154	49.6	-6
2064	581	8	176	50.8	6
2066	393	-91	51	19.4	-91
2067	516	5	165	53.6	12

REPRODUCTION STUDY

96-40808

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APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 35

DOSE LEVEL = 10.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CONSUMPTION CHANGE G/KG/DAY G/INT	WT. CHG. FROM WEEK 32
2068	458	7	155	56.8	57
2070	514	16	171	56.3	22
2072	512	0	147	47.9	-17
2073	519	7	175	56.6	-2
2074	511	2	152	49.7	-11
2075	527	12	166	53.1	0
2076	503	15	168	56.5	17
2077	485	5	147	50.8	-1
2078	524	7	156	50.0	0
NO. OF ANIMALS	30	30	30	30	30
MEANS	514.6	7.2	157.5	51.3	-0.6
STD. DEV.	57.6	19.6	25.5	6.6	22.7

REPRODUCTION STUDY

96-40808

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APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 35

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
3031	596	14	173	49.0	0	33
3032	565	12	178	53.1	-4	44
3033	450	14	163	61.3	10	41
3034	476	-4	161	56.1	3	22
3035	522	2	160	51.2	-13	36
3037	522	9	153	49.3	-8	44
3039	466	12	150	54.3	5	32
3041	523	15	172	55.6	-6	46
3042	505	7	174	57.8	0	39
3043	543	8	158	48.9	-3	24
3045	482	14	166	58.2	-2	20
3046	492	22	181	62.7	20	30
3047	533	12	161	50.9	7	19
3048	576	12	184	53.8	5	31
3049	517	2	145	46.8	-1	15
3050	459	2	139	50.6	-10	24
3051	421	0	128	50.7	-7	15
3052	577	3	177	51.3	1	29
3055	459	6	150	54.8	-3	23
3057	537	14	183	57.5	5	42
3058	463	11	156	56.8	-3	13

REPRODUCTION STUDY

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APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 35

DOSE LEVEL = 100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/INT	WT. CHG. FROM WEEK 32
3059	485	6	152	52.6	3
3061	538	9	159	49.7	-4
3063	529	3	150	47.4	-10
3064	523	11	164	52.8	4
3065	490	5	159	54.4	1
3066	479	5	159	55.6	-5
3067	546	7	176	54.1	-9
3069	527	11	190	60.7	16
3070	481	14	S	S	S
S = SPILLAGE					
NO. OF ANIMALS	30	30	29	29	29
MEANS	509.4	8.6	162.8	53.7	-0.3
STD. DEV.	41.9	5.6	14.4	4.1	7.6

REPRODUCTION STUDY

96-40808

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APPENDIX F (cont.)

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS

INDIVIDUAL BODY WEIGHT AND FOOD CONSUMPTION
MATING AND POSTMATING PERIODS - P2 GENERATION MALES

WEEK #: 35

DOSE LEVEL = 1100.0000 PPM

MALES

ANIMAL NO.	WEIGHT G	WEIGHT CHANGE G	FOOD CONSUMPTION ACTUAL G/INT	CHANGE G/KG/DAY	CHANGE G/INT	WT. CHG. FROM WEEK 32
4031	564	8	181	53.9	-2	32
4033	523	7	161	51.7	-2	26
4035	585	-3	158	44.9	-13	26
4037	599	19	202	57.1	29	34
4039	525	16	168	54.2	17	26
4041	522	7	123	39.5	-8	-7
4043	505	4	155	51.4	-6	31
4045	521	9	157	50.7	-1	35
4046	502	11	156	52.4	0	24
4047	506	9	154	51.2	8	29
4049	533	2	143	44.8	-24	13
4050	509	19	169	56.4	15	40
4052	516	11	158	51.6	1	25
4054	486	5	162	55.8	7	30
4056	442	5	138	52.3	-3	32
4058	509	9	166	54.8	3	35
4060	514	14	169	55.6	10	24
4062	499	8	170	57.2	7	39
4064	525	8	167	53.4	2	25
4066	528	11	174	55.5	4	24
4068	529	1	159	50.1	-9	22