p-ジクロロベンゼンのラット及びマウスを用いた
吸 入 に よ る が ん 原 性 予 備 試 験 報 告 書

試験番号

2 週 間　：ラット/0113 ; マウス/0114
1 3 週 間 ：ラット/0132 ; マウス/0133

TABLES

TABLES

TABLE 1 EXPERIMENTAL DESIGN AND MATERIALS AND METHODS IN THE INHALATION STUDIES OF p-DICHLOROBENZENE

Two-Week Studies	Thirteen-Week Studies
<Method of Administration>	
Inhalation	Inhalation
<Number of Groups>	
Male 6, Female 6	Male 6, Female 6
<Size of Groups>	
10 males and 10 females of each species	10 males and 10 females of each species
<Animals>	
Strain and Species	
F344/DuCrj(Fischer)rat	F344/DuCrj(Fischer)rat
Crj:BDF1mouse	Crj:BDF1mouse
Animal Source	
Charles River Japan, Inc.	Charles River Japan, Inc.
Duration Held Before Study	
2 wk	2 wk
Age When Placed on Study	
6 wk	6 wk
Age When Killed	
8 wk	19 wk
<Exposure Concentrations>	
Rat, Mouse: 0, 120, 180, 270, 400or 600ppm	Rat, Mouse: 0, 25, 55, 120, 270or 600ppm
<Duration of Exposure>	
5 d/wk for 2 wk	5 d/wk for 13 wk
<Animal Maintenance>	
Feed	
CRF-1 (Oriental Yeast Co., Ltd.) Sterilized by γ-ray Available *ad libitum*	Same as two-week studies
Water	
Filtrated and sterilized by ultraviolet rays Automatic watering system Available *ad libitum*	Same as two-week studies
Animals per Cage	
Single (stainless steel wire)	Single (stainless steel wire)
Animal Room Environment	
Barrier system Temperature: 22±2℃ Humidity: 60±10% Fluorescent light: 12 h/d Room air changes: 15-17 changes/h	Same as two-week studies
Chamber Environment	
Temperature: 22-26℃ Humidity: 45-70% Fluorescent light: 12 h/d Room air changes: 15 changes/h	Same as two-week studies
<Type and Frequency of Observation>	
Clinical Sign	
Observed 2 per d	Observed 1 per d
Body weight	
Weighed 0-0, 1-1, 1-7and 2-7(wk-d)	Weighed 1 per wk
Food Consumption	
Weighed 1-7 and 2-7(wk-d)	Weighed 1 per wk

TABLE 2 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE RAT (TWO-WEEK STUDY)

Week-Day on Study	Control Av.Wt.	Control No.of Surviv. <10>	120 ppm Av.Wt.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	180 ppm Av.Wt.	180 ppm % of cont. <10>	180 ppm No.of Surviv.	270 ppm Av.Wt.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	400 ppm Av.Wt.	400 ppm % of cont. <10>	400 ppm No.of Surviv.	600 ppm Av.Wt.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
0-0	129 (10)	10/10	130 (10)	101	10/10	129 (10)	100	10/10	129 (10)	100	10/10	129 (10)	100	10/10	129 (10)	100	10/10
1-1	134 (10)	10/10	133 (10)	99	10/10	133 (10)	99	10/10	131 (10)	98	10/10	132 (10)	99	10/10	128 (10)	96	10/10
1-7	156 (10)	10/10	157 (10)	101	10/10	155 (10)	99	10/10	155 (10)	99	10/10	157 (10)	101	10/10	147 (10)	94	10/10
2-7	184 (10)	10/10	189 (10)	103	10/10	186 (10)	101	10/10	186 (10)	101	10/10	191 (10)	104	10/10	179 (10)	97	10/10

< >:No.of effective animals,( ):No.of measured animals Av.Wt.: g

TABLE 3 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE RAT (TWO-WEEK STUDY)

Week-Day on Study	Control Av.Wt.	Control No.of Surviv. <10>	120 ppm Av.Wt.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	180 ppm Av.Wt.	180 ppm % of cont. <10>	180 ppm No.of Surviv.	270 ppm Av.Wt.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	400 ppm Av.Wt.	400 ppm % of cont. <10>	400 ppm No.of Surviv.	600 ppm Av.Wt.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
0-0	101 (10)	10/10	101 (10)	100	10/10	101 (10)	100	10/10	101 (10)	100	10/10	101 (10)	100	10/10	101 (10)	100	10/10
1-1	102 (10)	10/10	104 (10)	102	10/10	102 (10)	100	10/10	102 (10)	100	10/10	101 (10)	99	10/10	101 (10)	99	10/10
1-7	114 (10)	10/10	116 (10)	102	10/10	114 (10)	100	10/10	113 (10)	99	10/10	112 (10)	98	10/10	110 (10)	96	10/10
2-7	127 (10)	10/10	129 (10)	102	10/10	127 (10)	100	10/10	128 (10)	101	10/10	127 (10)	100	10/10	126 (10)	99	10/10

< >:No.of effective animals,( ):No.of measured animals Av.Wt.: g

(Study No.0113,0114,0132,0133)

TABLE 4 FOOD CUNSUMPTION IN MALE RAT (TWO-WEEK STUDY)

Week-Day on Study	Control Av.FC.	Control No.of Surviv. <10>	120 ppm Av.FC.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	180 ppm Av.FC.	180 ppm % of cont. <10>	180 ppm No.of Surviv.	270 ppm Av.FC.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	400 ppm Av.FC.	400 ppm % of cont. <10>	400 ppm No.of Surviv.	600 ppm Av.FC.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
1-7	14.8 (10)	10/10	15.1 (10)	102	10/10	15.3 (10)	103	10/10	14.2 (10)	96	10/10	14.0 (10)	95	10/10	12.6 (10)	85	10/10
2-7	15.9 (10)	10/10	16.7 (10)	105	10/10	16.6 (10)	104	10/10	15.6 (10)	98	10/10	16.3 (10)	103	10/10	16.2 (10)	102	10/10

< >:No.of effective animals,( ):No.of measured animals Av.FC.: g

TABLE 5 FOOD CUNSUMPTION IN FEMALE RAT (TWO-WEEK STUDY)

Week-Day on Study	Control Av.FC.	Control No.of Surviv. <10>	120 ppm Av.FC.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	180 ppm Av.FC.	180 ppm % of cont. <10>	180 ppm No.of Surviv.	270 ppm Av.FC.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	400 ppm Av.FC.	400 ppm % of cont. <10>	400 ppm No.of Surviv.	600 ppm Av.FC.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
1-7	10.6 (10)	10/10	11.0 (10)	104	10/10	11.0 (10)	104	10/10	10.4 (10)	98	10/10	10.1 (10)	95	10/10	10.0 (10)	94	10/10
2-7	11.3 (10)	10/10	11.2 (10)	99	10/10	11.1 (10)	98	10/10	11.1 (10)	98	10/10	11.2 (10)	99	10/10	11.5 (10)	102	10/10

< >:No.of effective animals,( ):No.of measured animals Av.FC.: g

(Study No.0113,0114,0132,0133)

TABLE 6 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE RAT (THIRTEEN-WEEK STUDY)

Week-Day on Study	Control Av.Wt.	Control No.of Surviv. <10>	25 ppm Av.Wt.	25 ppm % of cont. <10>	25 ppm No.of Surviv.	55 ppm Av.Wt.	55 ppm % of cont. <10>	55 ppm No.of Surviv.	120 ppm Av.Wt.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	270 ppm Av.Wt.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	600 ppm Av.Wt.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
0-0	129 (10)	10/10	129 (10)	100	10/10	129 (10)	100	10/10	129 (10)	100	10/10	129 (10)	100	10/10	129 (10)	100	10/10
1-7	158 (10)	10/10	160 (10)	101	10/10	159 (10)	101	10/10	160 (10)	101	10/10	158 (10)	100	10/10	150 (10)	95	10/10
2-7	186 (10)	10/10	189 (10)	102	10/10	189 (10)	102	10/10	192 (10)	103	10/10	189 (10)	102	10/10	179 (10)	96	10/10
3-7	211 (10)	10/10	214 (10)	101	10/10	216 (10)	102	10/10	217 (10)	103	10/10	216 (10)	102	10/10	205 (10)	97	10/10
4-7	235 (10)	10/10	236 (10)	100	10/10	240 (10)	102	10/10	241 (10)	103	10/10	241 (10)	103	10/10	230 (10)	98	10/10
5-7	252 (10)	10/10	256 (10)	102	10/10	260 (10)	103	10/10	258 (10)	102	10/10	258 (10)	102	10/10	249 (10)	99	10/10
6-7	268 (10)	10/10	272 (10)	101	10/10	278 (10)	104	10/10	276 (10)	103	10/10	275 (10)	103	10/10	266 (10)	99	10/10
7-7	283 (10)	10/10	287 (10)	101	10/10	291 (10)	103	10/10	290 (10)	102	10/10	289 (10)	102	10/10	282 (10)	100	10/10
8-7	295 (10)	10/10	300 (10)	102	10/10	306 (10)	104	10/10	304 (10)	103	10/10	304 (10)	103	10/10	294 (10)	100	10/10
9-7	307 (10)	10/10	312 (10)	102	10/10	319 (10)	104	10/10	314 (10)	102	10/10	317 (10)	103	10/10	306 (10)	100	10/10
10-7	314 (10)	10/10	322 (10)	103	10/10	329 (10)	105	10/10	326 (10)	104	10/10	328 (10)	104	10/10	318 (10)	101	10/10
11-7	323 (10)	10/10	331 (10)	102	10/10	339 (10)	105	10/10	334 (10)	103	10/10	338 (10)	105	10/10	328 (10)	102	10/10
12-7	330 (10)	10/10	340 (10)	103	10/10	346 (10)	105	10/10	342 (10)	104	10/10	348 (10)	105	10/10	335 (10)	102	10/10
13-7	337 (10)	10/10	346 (10)	103	10/10	353 (10)	105	10/10	348 (10)	103	10/10	356 (10)	106	10/10	343 (10)	102	10/10

< >:No.of effective animals,( ):No.of measured animals Av.Wt.: g

TABLE 7 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE RAT (THIRTEEN-WEEK STUDY)

Week-Day on Study	Control Av.Wt.	Control No.of Surviv. <10>	25 ppm Av.Wt.	25 ppm % of cont. <10>	25 ppm No.of Surviv.	55 ppm Av.Wt.	55 ppm % of cont. <10>	55 ppm No.of Surviv.	120 ppm Av.Wt.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	270 ppm Av.Wt.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	600 ppm Av.Wt.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
0-0	100 (10)	10/10	100 (10)	100	10/10	100 (10)	100	10/10	100 (10)	100	10/10	100 (10)	100	10/10	100 (10)	100	10/10
1-7	116 (10)	10/10	117 (10)	101	10/10	116 (10)	100	10/10	117 (10)	101	10/10	117 (10)	101	10/10	111 (10)	96	10/10
2-7	130 (10)	10/10	130 (10)	100	10/10	129 (10)	99	10/10	130 (10)	100	10/10	129 (10)	99	10/10	128 (10)	98	10/10
3-7	139 (10)	10/10	142 (10)	102	10/10	141 (10)	101	10/10	141 (10)	101	10/10	142 (10)	102	10/10	140 (10)	101	10/10
4-7	148 (10)	10/10	148 (10)	100	10/10	149 (10)	101	10/10	147 (10)	99	10/10	150 (10)	101	10/10	149 (10)	101	10/10
5-7	156 (10)	10/10	155 (10)	99	10/10	158 (10)	101	10/10	156 (10)	100	10/10	158 (10)	101	10/10	158 (10)	101	10/10
6-7	161 (10)	10/10	161 (10)	100	10/10	165 (10)	102	10/10	161 (10)	100	10/10	164 (10)	102	10/10	165 (10)	102	10/10
7-7	168 (10)	10/10	167 (10)	99	10/10	171 (10)	102	10/10	167 (10)	99	10/10	168 (10)	100	10/10	171 (10)	102	10/10
8-7	171 (10)	10/10	172 (10)	101	10/10	175 (10)	102	10/10	170 (10)	99	10/10	174 (10)	102	10/10	175 (10)	102	10/10
9-7	178 (10)	10/10	176 (10)	99	10/10	180 (10)	101	10/10	175 (10)	98	10/10	177 (10)	99	10/10	179 (10)	101	10/10
10-7	181 (10)	10/10	182 (10)	101	10/10	185 (10)	102	10/10	181 (10)	100	10/10	183 (10)	101	10/10	184 (10)	102	10/10
11-7	186 (10)	10/10	187 (10)	101	10/10	192 (10)	103	10/10	183 (10)	98	10/10	187 (10)	101	10/10	189 (10)	102	10/10
12-7	187 (10)	10/10	190 (10)	102	10/10	194 (10)	104	10/10	187 (10)	100	10/10	189 (10)	101	10/10	192 (10)	103	10/10
13-7	189 (10)	10/10	192 (10)	102	10/10	198 (10)	105	10/10	188 (10)	99	10/10	191 (10)	101	10/10	194 (10)	103	10/10

< >:No.of effective animals,( ):No.of measured animals Av.Wt.: g

(Study No.0113,0114,0132,0133)

TABLE 8 FOOD CUNSUMPTION IN MALE RAT (THIRTEEN-WEEK STUDY)

Week-Day on Study	Control Av.FC.	Control No.of Surviv. <10>	25 ppm Av.FC.	25 ppm % of cont. <10>	25 ppm No.of Surviv.	55 ppm Av.FC.	55 ppm % of cont. <10>	55 ppm No.of Surviv.	120 ppm Av.FC.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	270 ppm Av.FC.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	600 ppm Av.FC.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
1-7	14.7 (10)	10/10	15.0 (10)	102	10/10	15.2 (9)	103	10/10	14.9 (10)	101	10/10	14.2 (10)	97	10/10	12.9 (10)	88	10/10
2-7	16.0 (10)	10/10	15.9 (10)	99	10/10	16.2 (10)	101	10/10	16.2 (10)	101	10/10	15.6 (10)	98	10/10	15.8 (10)	99	10/10
3-7	16.2 (10)	10/10	16.6 (10)	102	10/10	17.2 (10)	106	10/10	17.1 (10)	106	10/10	17.0 (10)	105	10/10	17.0 (10)	105	10/10
4-7	17.0 (10)	10/10	17.0 (10)	100	10/10	17.7 (10)	104	10/10	17.5 (10)	103	10/10	17.2 (10)	101	10/10	17.8 (10)	105	10/10
5-7	17.3 (10)	10/10	17.5 (10)	101	10/10	17.9 (10)	103	10/10	17.5 (10)	101	10/10	17.3 (10)	100	10/10	18.3 (10)	106	10/10
6-7	16.9 (10)	10/10	17.2 (10)	102	10/10	17.4 (10)	103	10/10	17.3 (10)	102	10/10	16.7 (10)	99	10/10	18.0 (10)	107	10/10
7-7	17.3 (10)	10/10	18.2 (10)	105	10/10	17.6 (10)	102	10/10	17.8 (10)	103	10/10	17.1 (10)	99	10/10	18.5 (10)	107	10/10
8-7	17.1 (10)	10/10	17.3 (10)	101	10/10	17.3 (10)	101	10/10	17.0 (10)	99	10/10	17.1 (10)	100	10/10	18.7 (10)	109	10/10
9-7	17.1 (10)	10/10	17.6 (10)	103	10/10	18.3 (10)	107	10/10	17.8 (10)	104	10/10	17.6 (10)	103	10/10	19.4 (10)	113	10/10
10-7	- (-)	10/10	17.4 (10)	102	10/10	17.6 (10)	103	10/10	17.4 (10)	102	10/10	17.1 (10)	100	10/10	18.6 (10)	109	10/10
11-7	17.1 (10)	10/10	17.5 (10)	102	10/10	18.1 (10)	106	10/10	17.3 (10)	101	10/10	17.4 (10)	102	10/10	18.7 (10)	109	10/10
12-7	16.7 (10)	10/10	17.2 (10)	103	10/10	17.5 (10)	105	10/10	17.0 (10)	102	10/10	17.9 (10)	107	10/10	18.4 (10)	110	10/10
13-7	16.4 (10)	10/10	16.6 (10)	101	10/10	17.1 (10)	104	10/10	16.7 (10)	102	10/10	17.3 (10)	105	10/10	18.4 (10)	112	10/10

< >:No.of effective animals,( ):No.of measured animals Av.FC.: g

TABLE 9 FOOD CUNSUMPTION IN FEMALE RAT (THIRTEEN-WEEK STUDY)

Week-Day on Study	Control Av.FC.	Control No.of Surviv. <10>	25 ppm Av.FC.	25 ppm % of cont. <10>	25 ppm No.of Surviv.	55 ppm Av.FC.	55 ppm % of cont. <10>	55 ppm No.of Surviv.	120 ppm Av.FC.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	270 ppm Av.FC.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	600 ppm Av.FC.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
1-7	10.7 (10)	10/10	10.8 (10)	101	10/10	11.0 (10)	103	10/10	11.0 (10)	103	10/10	10.6 (10)	99	10/10	9.5 (10)	89	10/10
2-7	11.1 (10)	10/10	11.2 (10)	101	10/10	11.0 (10)	99	10/10	11.2 (10)	101	10/10	10.9 (10)	98	10/10	10.9 (10)	98	10/10
3-7	11.1 (10)	10/10	11.5 (10)	104	10/10	11.7 (10)	105	10/10	11.3 (10)	102	10/10	11.0 (10)	99	10/10	11.7 (10)	105	10/10
4-7	10.9 (10)	10/10	11.3 (10)	104	10/10	11.3 (10)	104	10/10	10.7 (10)	98	10/10	11.1 (10)	102	10/10	11.4 (10)	105	10/10
5-7	11.4 (10)	10/10	11.5 (10)	101	10/10	12.1 (10)	106	10/10	11.5 (10)	101	10/10	11.6 (10)	102	10/10	12.2 (10)	107	10/10
6-7	10.5 (10)	10/10	11.0 (10)	105	10/10	11.5 (10)	110	10/10	11.0 (10)	105	10/10	10.8 (10)	103	10/10	11.6 (10)	110	10/10
7-7	11.5 (10)	10/10	11.4 (10)	99	10/10	12.4 (10)	108	10/10	11.0 (10)	96	10/10	11.0 (10)	96	10/10	11.9 (10)	103	10/10
8-7	10.8 (10)	10/10	11.1 (10)	103	10/10	11.2 (10)	104	10/10	10.7 (10)	99	10/10	10.8 (10)	100	10/10	11.3 (10)	105	10/10
9-7	11.3 (10)	10/10	11.4 (10)	101	10/10	11.6 (10)	103	10/10	11.3 (10)	100	10/10	11.1 (10)	98	10/10	12.3 (10)	109	10/10
10-7	11.0 (10)	10/10	11.1 (10)	101	10/10	11.1 (10)	101	10/10	11.0 (10)	100	10/10	10.8 (10)	98	10/10	11.7 (10)	106	10/10
11-7	11.5 (10)	10/10	11.9 (10)	103	10/10	12.6 (10)	110	10/10	11.2 (10)	97	10/10	11.5 (10)	100	10/10	12.2 (10)	106	10/10
12-7	11.0 (10)	10/10	11.4 (10)	104	10/10	11.1 (10)	101	10/10	10.7 (10)	97	10/10	11.1 (10)	101	10/10	13.1 (10)	119	10/10
13-7	10.8 (10)	10/10	11.2 (10)	104	10/10	11.9 (10)	110	10/10	10.9 (10)	101	10/10	10.8 (10)	100	10/10	11.8 (10)	109	10/10

< >:No.of effective animals,( ):No.of measured animals Av.FC.: g

TABLE 10 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE MOUSE (TWO-WEEK STUDY)

Week-Day on Study	Control Av.Wt.	Control No.of Surviv. <10>	120 ppm Av.Wt.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	180 ppm Av.Wt.	180 ppm % of cont. <10>	180 ppm No.of Surviv.	270 ppm Av.Wt.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	400 ppm Av.Wt.	400 ppm % of cont. <10>	400 ppm No.of Surviv.	600 ppm Av.Wt.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
0-0	23.0 (10)	10/10	23.0 (10)	100	10/10	23.0 (10)	100	10/10	23.0 (10)	100	10/10	23.0 (10)	100	10/10	23.0 (10)	100	10/10
1-1	22.7 (10)	10/10	22.8 (10)	100	10/10	22.5 (10)	99	10/10	22.5 (10)	99	10/10	22.9 (10)	101	10/10	22.5 (10)	99	10/10
1-7	24.5 (10)	10/10	24.1 (10)	98	10/10	23.9 (10)	98	10/10	23.9 (10)	98	10/10	24.8 (10)	101	10/10	24.0 (10)	98	10/10
2-7	25.4 (10)	10/10	25.0 (10)	98	10/10	25.1 (10)	99	10/10	25.1 (10)	99	10/10	25.7 (10)	101	10/10	25.6 (10)	101	10/10

< >:No.of effective animals,( ):No.of measured animals Av.Wt.: g

TABLE 11 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE MOUSE (TWO-WEEK STUDY)

Week-Day on Study	Control Av.Wt.	Control No.of Surviv. <10>	120 ppm Av.Wt.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	180 ppm Av.Wt.	180 ppm % of cont. <10>	180 ppm No.of Surviv.	270 ppm Av.Wt.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	400 ppm Av.Wt.	400 ppm % of cont. <10>	400 ppm No.of Surviv.	600 ppm Av.Wt.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
0-0	19.1 (10)	10/10	19.1 (10)	100	10/10	19.1 (10)	100	10/10	19.1 (10)	100	10/10	19.1 (10)	100	10/10	19.1 (10)	100	10/10
1-1	18.6 (10)	10/10	18.6 (10)	100	10/10	18.6 (10)	100	10/10	18.9 (10)	102	10/10	18.7 (10)	101	10/10	18.5 (10)	99	10/10
1-7	19.6 (10)	10/10	19.6 (10)	100	10/10	19.5 (10)	99	10/10	19.7 (10)	101	10/10	19.8 (10)	101	10/10	19.7 (10)	101	10/10
2-7	20.8 (10)	10/10	20.9 (10)	100	10/10	20.5 (10)	99	10/10	20.9 (10)	100	10/10	21.1 (10)	101	10/10	21.5 (10)	103	10/10

< >:No.of effective animals,( ):No.of measured animals Av.Wt.: g

(Study No.0113, 0114, 0132, 0133)

TABLE 12 FOOD CUNSUMPTION IN MALE MOUSE (TWO-WEEK STUDY)

Week-Day on Study	Control Av.FC.	Control No.of Surviv. <10>	120 ppm Av.FC.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	180 ppm Av.FC.	180 ppm % of cont. <10>	180 ppm No.of Surviv.	270 ppm Av.FC.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	400 ppm Av.FC.	400 ppm % of cont. <10>	400 ppm No.of Surviv.	600 ppm Av.FC.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
1-7	4.1 (10)	10/10	4.0 (10)	98	10/10	3.7 (10)	90	10/10	3.7 (10)	90	10/10	4.0 (10)	98	10/10	3.6 (10)	88	10/10
2-7	3.7 (10)	10/10	3.8 (10)	103	10/10	3.8 (10)	103	10/10	3.8 (10)	103	10/10	3.9 (10)	105	10/10	4.2 (10)	114	10/10

< >:No.of effective animals,( ):No.of measured animals Av.FC.: g

TABLE 13 FOOD CUNSUMPTION IN FEMALE MOUSE (TWO-WEEK STUDY)

Week-Day on Study	Control Av.FC.	Control No.of Surviv. <10>	120 ppm Av.FC.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	180 ppm Av.FC.	180 ppm % of cont. <10>	180 ppm No.of Surviv.	270 ppm Av.FC.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	400 ppm Av.FC.	400 ppm % of cont. <10>	400 ppm No.of Surviv.	600 ppm Av.FC.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
1-7	3.2 (10)	10/10	3.2 (10)	100	10/10	3.2 (9)	100	10/10	3.2 (10)	100	10/10	3.1 (10)	97	10/10	3.2 (10)	100	10/10
2-7	3.1 (10)	10/10	3.3 (10)	106	10/10	3.3 (10)	106	10/10	3.5 (10)	113	10/10	3.5 (10)	113	10/10	4.1 (10)	132	10/10

< >:No.of effective animals,( ):No.of measured animals Av.FC.: g

(Study No.0113,0114,0132,0133)

TABLE 14 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE MOUSE (THIRTEEN-WEEK STUDY)

Week-Day on Study	Control Av.Wt.	Control No.of Surviv. <10>	25 ppm Av.Wt.	25 ppm % of cont. <10>	25 ppm No.of Surviv.	55 ppm Av.Wt.	55 ppm % of cont. <10>	55 ppm No.of Surviv.	120 ppm Av.Wt.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	270 ppm Av.Wt.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	600 ppm Av.Wt.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
0-0	22.3 (10)	10/10	21.9 (10)	98	10/10	22.0 (10)	99	10/10	22.1 (10)	99	10/10	22.0 (10)	99	10/10	22.1 (10)	99	10/10
1-7	24.2 (10)	10/10	24.1 (10)	100	10/10	23.9 (10)	99	10/10	24.0 (10)	99	10/10	24.8 (10)	102	10/10	24.6 (10)	102	10/10
2-7	25.4 (10)	10/10	24.8 (10)	98	10/10	24.8 (10)	98	10/10	25.4 (10)	100	10/10	25.3 (10)	100	10/10	25.7 (10)	101	10/10
3-7	26.6 (10)	10/10	25.7 (10)	97	10/10	24.9 (10)	94	10/10	26.3 (10)	99	10/10	26.5 (10)	100	10/10	26.6 (10)	100	10/10
4-7	27.3 (10)	10/10	26.3 (10)	96	10/10	25.5 (10)	93	10/10	27.0 (10)	99	10/10	27.0 (10)	99	10/10	27.3 (10)	100	10/10
5-7	28.0 (10)	10/10	26.5 (10)	95	10/10	26.1 (10)	93	10/10	27.7 (10)	99	10/10	26.6 (10)	95	10/10	27.9 (10)	100	10/10
6-7	28.8 (10)	10/10	27.5 (10)	95	10/10	27.2 (10)	94	10/10	28.6 (10)	99	10/10	27.9 (10)	97	10/10	28.4 (10)	99	10/10
7-7	29.7 (10)	10/10	28.1 (10)	95	10/10	28.2 (10)	95	10/10	29.2 (10)	98	10/10	28.9 (10)	97	10/10	29.1 (10)	98	10/10
8-7	30.7 (10)	10/10	29.5 (10)	96	10/10	29.0 (10)	94	10/10	29.4 (10)	96	10/10	29.7 (10)	97	10/10	29.3 (10)	95	10/10
9-7	31.3 (10)	10/10	29.4 (10)	94	10/10	29.0 (10)	93	10/10	30.0 (10)	96	10/10	30.0 (10)	96	10/10	30.0 (10)	96	10/10
10-7	31.9 (10)	10/10	29.7 (10)	93	10/10	29.6 (10)	93	10/10	31.1 (10)	97	10/10	30.2 (10)	95	10/10	29.8 (10)	93	10/10
11-7	33.2 (10)	10/10	30.6 (10)	92	10/10	29.8 (10)	90	10/10	31.7 (10)	95	10/10	30.8 (10)	93	10/10	30.5 (10)	92	10/10
12-7	33.8 (10)	10/10	31.5 (10)	93	10/10	30.7 (10)	91	10/10	32.0 (10)	95	10/10	31.4 (10)	93	10/10	31.5 (10)	93	10/10
13-7	33.6 (10)	10/10	30.7 (10)	91	10/10	30.3 (10)	90	10/10	31.7 (10)	94	10/10	30.5 (10)	91	10/10	30.8 (10)	92	10/10

< >:No.of effective animals,( ):No.of measured animals Av.Wt.: g

TABLE 15 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE MOUSE (THIRTEEN-WEEK STUDY)

Week-Day on Study	Control Av.Wt.	Control No.of Surviv. <10>	25 ppm Av.Wt.	25 ppm % of cont. <10>	25 ppm No.of Surviv.	55 ppm Av.Wt.	55 ppm % of cont. <10>	55 ppm No.of Surviv.	120 ppm Av.Wt.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	270 ppm Av.Wt.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	600 ppm Av.Wt.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
0-0	18.4 (10)	10/10	18.1 (10)	98	10/10	18.1 (10)	98	10/10	18.3 (10)	99	10/10	18.3 (10)	99	10/10	18.5 (10)	101	10/10
1-7	19.7 (10)	10/10	19.8 (10)	101	10/10	19.7 (10)	100	10/10	19.6 (10)	99	10/10	19.8 (10)	101	10/10	20.5 (10)	104	10/10
2-7	20.8 (10)	10/10	20.0 (10)	96	10/10	20.1 (10)	97	10/10	20.3 (10)	98	10/10	20.1 (10)	97	10/10	21.7 (10)	104	10/10
3-7	21.3 (10)	10/10	20.6 (10)	97	10/10	20.7 (10)	97	10/10	21.2 (10)	100	10/10	21.3 (10)	100	10/10	22.5 (10)	106	10/10
4-7	21.8 (10)	10/10	21.5 (10)	99	10/10	21.3 (10)	98	10/10	21.7 (10)	100	10/10	21.8 (10)	100	10/10	22.7 (10)	104	10/10
5-7	22.5 (10)	10/10	21.8 (9)	97	10/10	22.0 (10)	98	10/10	22.0 (10)	98	10/10	21.9 (10)	97	10/10	23.9 (10)	106	10/10
6-7	23.2 (10)	10/10	22.4 (10)	97	10/10	21.9 (10)	94	10/10	22.5 (10)	97	10/10	22.7 (10)	98	10/10	24.0 (10)	103	10/10
7-7	23.7 (10)	10/10	22.9 (10)	97	10/10	23.0 (10)	97	10/10	23.0 (10)	97	10/10	23.3 (10)	98	10/10	25.0 (10)	105	10/10
8-7	23.8 (10)	10/10	22.8 (10)	96	10/10	23.1 (10)	97	10/10	23.7 (10)	100	10/10	23.7 (10)	100	10/10	25.6 (10)	108	10/10
9-7	23.5 (10)	10/10	23.3 (10)	99	10/10	23.3 (10)	99	10/10	23.5 (10)	100	10/10	23.7 (10)	101	10/10	25.6 (10)	109	10/10
10-7	23.7 (10)	10/10	23.6 (10)	100	10/10	23.5 (10)	99	10/10	24.3 (10)	103	10/10	24.2 (10)	102	10/10	25.7 (10)	108	10/10
11-7	24.3 (10)	10/10	23.6 (10)	97	10/10	23.8 (10)	98	10/10	24.5 (10)	101	10/10	23.9 (10)	98	10/10	25.6 (10)	105	10/10
12-7	24.4 (10)	10/10	24.1 (10)	99	10/10	24.3 (10)	100	10/10	25.0 (10)	102	10/10	24.8 (10)	102	10/10	26.6 (10)	109	10/10
13-7	23.7 (10)	10/10	23.3 (10)	98	10/10	23.7 (10)	100	10/10	24.0 (10)	101	10/10	23.4 (10)	99	10/10	25.2 (10)	106	10/10

< >:No.of effective animals,( ):No.of measured animals Av.Wt.: g

(Study No.0113,0114,0132,0133)

TABLE 16 FOOD CUNSUMPTION IN MALE MOUSE (THIRTEEN-WEEK STUDY)

Week-Day on Study	Control Av.FC.	Control No.of Surviv. <10>	25 ppm Av.FC.	25 ppm % of cont. <10>	25 ppm No.of Surviv.	55 ppm Av.FC.	55 ppm % of cont. <10>	55 ppm No.of Surviv.	120 ppm Av.FC.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	270 ppm Av.FC.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	600 ppm Av.FC.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
1-7	3.9 (10)	10/10	3.9 (10)	100	10/10	3.9 (10)	100	10/10	3.8 (10)	97	10/10	4.1 (10)	105	10/10	3.9 (10)	100	10/10
2-7	3.6 (10)	10/10	3.7 (10)	103	10/10	3.5 (10)	97	10/10	3.6 (10)	100	10/10	3.7 (10)	103	10/10	3.9 (10)	108	10/10
3-7	3.8 (10)	10/10	3.7 (10)	97	10/10	3.6 (10)	95	10/10	3.8 (10)	100	10/10	3.8 (10)	100	10/10	4.1 (10)	108	10/10
4-7	3.8 (10)	10/10	3.7 (10)	97	10/10	3.6 (10)	95	10/10	3.6 (10)	95	10/10	3.7 (10)	97	10/10	4.0 (10)	105	10/10
5-7	3.8 (10)	10/10	3.8 (10)	100	10/10	3.8 (10)	100	10/10	3.8 (10)	100	10/10	3.5 (10)	92	10/10	4.1 (10)	108	10/10
6-7	3.9 (10)	10/10	3.9 (10)	100	10/10	3.9 (10)	100	10/10	3.9 (10)	100	10/10	4.0 (10)	103	10/10	4.1 (10)	105	10/10
7-7	3.8 (10)	10/10	3.9 (10)	103	10/10	3.9 (10)	103	10/10	3.8 (10)	100	10/10	3.9 (10)	103	10/10	4.1 (10)	108	10/10
8-7	4.1 (10)	10/10	4.1 (10)	100	10/10	3.9 (10)	95	10/10	3.6 (10)	88	10/10	3.9 (10)	95	10/10	4.1 (10)	100	10/10
9-7	3.9 (10)	10/10	3.7 (10)	95	10/10	3.6 (10)	92	10/10	3.7 (10)	95	10/10	3.7 (10)	95	10/10	4.0 (10)	103	10/10
10-7	4.0 (10)	10/10	4.0 (10)	100	10/10	4.0 (10)	100	10/10	4.2 (10)	105	10/10	4.0 (10)	100	10/10	4.2 (10)	105	10/10
11-7	4.2 (10)	10/10	4.0 (10)	95	10/10	3.7 (10)	88	10/10	4.0 (10)	95	10/10	3.8 (10)	90	10/10	4.1 (10)	98	10/10
12-7	4.2 (10)	10/10	4.2 (10)	100	10/10	4.0 (10)	95	10/10	4.0 (10)	95	10/10	3.9 (10)	93	10/10	4.2 (10)	100	10/10
13-7	4.2 (10)	10/10	4.3 (10)	102	10/10	4.2 (10)	100	10/10	4.2 (10)	100	10/10	4.1 (10)	98	10/10	4.4 (10)	105	10/10

< >:No.of effective animals,( ):No.of measured animals Av.FC.: g

TABLE 17 FOOD CUNSUMPTION IN FEMALE MOUSE (THIRTEEN-WEEK STUDY)

Week-Day on Study	Control Av.FC.	Control No.of Surviv. <10>	25 ppm Av.FC.	25 ppm % of cont. <10>	25 ppm No.of Surviv.	55 ppm Av.FC.	55 ppm % of cont. <10>	55 ppm No.of Surviv.	120 ppm Av.FC.	120 ppm % of cont. <10>	120 ppm No.of Surviv.	270 ppm Av.FC.	270 ppm % of cont. <10>	270 ppm No.of Surviv.	600 ppm Av.FC.	600 ppm % of cont. <10>	600 ppm No.of Surviv.
1-7	3.4 (10)	10/10	3.2 (10)	94	10/10	3.2 (10)	94	10/10	3.4 (10)	100	10/10	3.4 (10)	100	10/10	3.4 (10)	100	10/10
2-7	3.2 (10)	10/10	3.1 (10)	97	10/10	3.1 (10)	97	10/10	3.2 (10)	100	10/10	3.2 (10)	100	10/10	3.6 (10)	113	10/10
3-7	3.5 (10)	10/10	3.5 (10)	100	10/10	3.4 (10)	97	10/10	3.5 (10)	100	10/10	3.6 (10)	103	10/10	3.8 (10)	109	10/10
4-7	3.5 (10)	10/10	3.5 (10)	100	10/10	3.5 (10)	100	10/10	3.6 (10)	103	10/10	3.6 (10)	103	10/10	3.6 (10)	103	10/10
5-7	3.7 (10)	10/10	3.8 (10)	103	10/10	3.6 (10)	97	10/10	3.9 (10)	105	10/10	3.7 (10)	100	10/10	4.1 (10)	111	10/10
6-7	4.0 (10)	10/10	3.9 (10)	98	10/10	3.7 (10)	93	10/10	4.0 (10)	100	10/10	3.9 (10)	98	10/10	4.1 (10)	103	10/10
7-7	3.9 (10)	10/10	4.0 (10)	103	10/10	3.8 (10)	97	10/10	3.9 (10)	100	10/10	3.8 (10)	97	10/10	4.0 (10)	103	10/10
8-7	4.0 (10)	10/10	4.0 (10)	100	10/10	3.9 (10)	98	10/10	4.1 (10)	103	10/10	4.0 (10)	100	10/10	4.4 (10)	110	10/10
9-7	4.0 (10)	10/10	3.8 (10)	95	10/10	3.8 (10)	95	10/10	4.0 (10)	100	10/10	3.7 (10)	93	10/10	4.2 (10)	105	10/10
10-7	4.1 (10)	10/10	3.9 (10)	95	10/10	4.0 (10)	98	10/10	4.2 (10)	102	10/10	3.9 (10)	95	10/10	4.5 (10)	110	10/10
11-7	4.1 (10)	10/10	4.0 (10)	98	10/10	4.0 (10)	98	10/10	4.0 (10)	98	10/10	3.8 (10)	93	10/10	4.2 (10)	102	10/10
12-7	4.2 (10)	10/10	4.1 (10)	98	10/10	4.2 (10)	100	10/10	4.1 (10)	98	10/10	4.1 (10)	98	10/10	4.4 (10)	105	10/10
13-7	4.2 (10)	10/10	4.2 (10)	100	10/10	4.3 (10)	102	10/10	4.3 (10)	102	10/10	4.0 (10)	95	10/10	4.6 (10)	110	10/10

< >:No.of effective animals,( ):No.of measured animals Av.FC.: g