

クロトンアルデヒド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

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

Week-Day on Study	Control		6.3 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	Au.Wt.	No.of Surviv. <10>	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.
0-0	115 (10)	10/10	115 (10)	100	10/10	115 (10)	100	10/10	115 (10)	100	10/10	115 (10)	100	10/10	115 (10)	100	10/10
1-1	119 (10)	10/10	118 (10)	99	10/10	119 (10)	100	10/10	119 (10)	100	10/10	118 (10)	99	10/10	118 (10)	99	10/10
1-2	121 (10)	10/10	120 (10)	99	10/10	119 (10)	98	10/10	114 (10)	94	10/10	100 (8)	83	6/10	103 (3)	85	0/10
1-4	125 (10)	10/10	124 (10)	99	10/10	122 (10)	98	10/10	108 (10)	86	10/10	87 (6)	70	5/10	- (-)	-	0/10
1-7	133 (10)	10/10	134 (10)	101	10/10	131 (10)	98	10/10	117 (10)	88	10/10	92 (5)	69	5/10	- (-)	-	0/10
2-3	142 (10)	10/10	143 (10)	101	10/10	140 (10)	99	10/10	121 (10)	85	10/10	87 (5)	61	5/10	- (-)	-	0/10
2-7	152 (10)	10/10	154 (10)	101	10/10	153 (10)	101	10/10	132 (10)	87	10/10	95 (4)	63	4/10	- (-)	-	0/10

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

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

Week-Day on Study	Control		6.3 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	Au.Wt.	No.of Surviv. <10>	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.
0-0	97 (10)	10/10	97 (10)	100	10/10	97 (10)	100	10/10	97 (10)	100	10/10	97 (10)	100	10/10	97 (10)	100	10/10
1-1	98 (10)	10/10	98 (10)	100	10/10	98 (10)	100	10/10	98 (10)	100	10/10	98 (10)	100	10/10	98 (10)	100	10/10
1-2	100 (10)	10/10	99 (10)	99	10/10	100 (10)	100	10/10	95 (10)	95	10/10	83 (9)	83	9/10	86 (7)	86	2/10
1-4	102 (10)	10/10	101 (10)	99	10/10	100 (10)	98	10/10	90 (10)	88	10/10	78 (7)	76	6/10	- (-)	-	0/10
1-7	107 (10)	10/10	106 (10)	99	10/10	104 (10)	97	10/10	97 (10)	91	10/10	81 (6)	76	6/10	- (-)	-	0/10
2-3	111 (10)	10/10	110 (10)	99	10/10	109 (10)	98	10/10	99 (10)	89	10/10	77 (6)	69	6/10	- (-)	-	0/10
2-7	118 (10)	10/10	118 (10)	100	10/10	116 (10)	98	10/10	107 (10)	91	10/10	82 (6)	69	6/10	- (-)	-	0/10

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

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

Week on Study	Control		6.3 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	Au.FC.	No. of Surviv. <10>	Au.FC.	% of cont. <10>	No. of Surviv.	Au.FC.	% of cont. <10>	No. of Surviv.	Au.FC.	% of cont. <10>	No. of Surviv.	Au.FC.	% of cont. <10>	No. of Surviv.	Au.FC.	% of cont. <10>	No. of Surviv.
1	14.0 (10)	10/10	14.0 (10)	100	10/10	13.3 (10)	95	10/10	10.0 (10)	71	10/10	5.3 (5)	38	5/10	- (-)	-	0/10
2	13.9 (10)	10/10	14.6 (10)	105	10/10	14.2 (10)	102	10/10	11.8 (10)	85	10/10	8.2 (4)	59	4/10	- (-)	-	0/10
< >:No. of effective animals, ():No. of measured animals Au.FC.: g																	

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

Week on Study	Control		6.3 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	Au.FC.	No. of Surviv. <10>	Au.FC.	% of cont. <10>	No. of Surviv.	Au.FC.	% of cont. <10>	No. of Surviv.	Au.FC.	% of cont. <10>	No. of Surviv.	Au.FC.	% of cont. <10>	No. of Surviv.	Au.FC.	% of cont. <10>	No. of Surviv.
1	11.4 (10)	10/10	11.7 (10)	103	10/10	11.1 (10)	97	10/10	9.3 (10)	82	10/10	6.0 (6)	53	6/10	- (-)	-	0/10
2	11.4 (10)	10/10	11.8 (10)	104	10/10	11.2 (10)	98	10/10	10.4 (10)	91	10/10	8.0 (6)	70	6/10	- (-)	-	0/10
< >:No. of effective animals, ():No. of measured animals Au.FC.: g																	

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

Week-Day on Study	Control		1.5 ppm			3 ppm			6 ppm			12 ppm			24 ppm		
	Au.Wt.	No.of Surviv. <10>	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.
0-0	119 (10)	10/10	119 (10)	100	10/10	119 (10)	100	10/10	119 (10)	100	10/10	119 (10)	100	10/10	119 (10)	100	10/10
1-1	123 (10)	10/10	122 (10)	99	10/10	123 (10)	100	10/10	123 (10)	100	10/10	123 (10)	100	10/10	123 (10)	100	10/10
1-7	150 (10)	10/10	149 (10)	99	10/10	149 (10)	99	10/10	146 (10)	97	10/10	141 (10)	94	10/10	122 (10)	81	10/10
2-7	182 (10)	10/10	182 (10)	100	10/10	181 (10)	99	10/10	177 (10)	97	10/10	171 (10)	94	10/10	145 (10)	80	10/10
3-7	209 (10)	10/10	209 (10)	100	10/10	209 (10)	100	10/10	204 (10)	98	10/10	191 (10)	91	10/10	155 (10)	74	10/10
4-7	230 (10)	10/10	231 (10)	100	10/10	232 (10)	101	10/10	225 (10)	98	10/10	207 (10)	90	10/10	170 (10)	74	10/10
5-7	246 (10)	10/10	248 (10)	101	10/10	249 (10)	101	10/10	242 (10)	98	10/10	220 (10)	89	10/10	181 (10)	74	10/10
6-7	261 (10)	10/10	266 (10)	102	10/10	266 (10)	102	10/10	259 (10)	99	10/10	235 (10)	90	10/10	196 (10)	75	10/10
7-7	276 (10)	10/10	281 (10)	102	10/10	281 (10)	102	10/10	274 (10)	99	10/10	246 (10)	89	10/10	202 (10)	73	10/10
8-7	291 (10)	10/10	296 (10)	102	10/10	293 (10)	101	10/10	287 (10)	99	10/10	255 (10)	88	10/10	207 (10)	71	10/10
9-7	301 (10)	10/10	308 (10)	102	10/10	307 (10)	102	10/10	298 (10)	99	10/10	267 (10)	89	10/10	218 (10)	72	10/10
10-7	312 (10)	10/10	317 (10)	102	10/10	316 (10)	101	10/10	308 (10)	99	10/10	270 (10)	87	10/10	220 (10)	71	10/10
11-7	321 (10)	10/10	326 (10)	102	10/10	326 (10)	102	10/10	315 (10)	98	10/10	277 (10)	86	10/10	224 (10)	70	10/10
12-7	330 (10)	10/10	336 (10)	102	10/10	335 (10)	102	10/10	325 (10)	98	10/10	288 (10)	87	10/10	230 (10)	70	10/10
13-7	336 (10)	10/10	340 (10)	101	10/10	341 (10)	101	10/10	332 (10)	99	10/10	292 (10)	87	10/10	233 (10)	69	10/10

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

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

Week-Day on Study	Control		1.5 ppm			3 ppm			6 ppm			12 ppm			24 ppm		
	Au.Wt.	No.of Surviv. <10>	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.
0-0	94 (10)	10/10	94 (10)	100	10/10	94 (10)	100	10/10	94 (10)	100	10/10	94 (10)	100	10/10	94 (10)	100	10/10
1-1	97 (10)	10/10	96 (10)	99	10/10	97 (10)	100	10/10	96 (10)	99	10/10	97 (10)	100	10/10	96 (10)	99	10/10
1-7	112 (10)	10/10	109 (10)	97	10/10	110 (10)	98	10/10	109 (10)	97	10/10	107 (10)	96	10/10	96 (10)	86	10/10
2-7	125 (10)	10/10	124 (10)	99	10/10	124 (10)	99	10/10	124 (10)	99	10/10	121 (10)	97	10/10	110 (10)	88	10/10
3-7	137 (10)	10/10	135 (10)	99	10/10	136 (10)	99	10/10	134 (10)	98	10/10	131 (10)	96	10/10	116 (10)	85	10/10
4-7	144 (10)	10/10	145 (10)	101	10/10	144 (10)	100	10/10	143 (10)	99	10/10	138 (10)	96	10/10	121 (10)	84	10/10
5-7	151 (10)	10/10	152 (10)	101	10/10	152 (10)	101	10/10	151 (10)	100	10/10	145 (10)	96	10/10	126 (10)	83	10/10
6-7	158 (10)	10/10	159 (10)	101	10/10	158 (10)	100	10/10	157 (10)	99	10/10	149 (10)	94	10/10	131 (10)	83	10/10
7-7	165 (10)	10/10	167 (10)	101	10/10	165 (10)	100	10/10	162 (10)	98	10/10	153 (10)	93	10/10	134 (10)	81	10/10
8-7	169 (10)	10/10	170 (10)	101	10/10	171 (10)	101	10/10	167 (10)	99	10/10	154 (10)	91	10/10	137 (10)	81	10/10
9-7	173 (10)	10/10	177 (10)	102	10/10	177 (10)	102	10/10	173 (10)	100	10/10	160 (10)	92	10/10	143 (10)	83	10/10
10-7	179 (10)	10/10	182 (10)	102	10/10	182 (10)	102	10/10	176 (10)	98	10/10	160 (10)	89	10/10	143 (10)	80	10/10
11-7	184 (10)	10/10	185 (10)	101	10/10	184 (10)	100	10/10	181 (10)	98	10/10	163 (10)	89	10/10	146 (10)	79	10/10
12-7	186 (10)	10/10	191 (10)	103	10/10	190 (10)	102	10/10	185 (10)	99	10/10	168 (10)	90	10/10	152 (10)	82	10/10
13-7	190 (10)	10/10	192 (10)	101	10/10	190 (10)	100	10/10	187 (10)	98	10/10	168 (10)	88	10/10	152 (10)	80	10/10

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

(Study No. 0286, 0287, 0292, 0293)

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

Week on Study	Control		1.5 ppm			3 ppm			6 ppm			12 ppm			24 ppm		
	Au.FC.	No.of Surviv. <10>	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.
1	14.7 (10)	10/10	14.7 (10)	100	10/10	14.4 (10)	98	10/10	13.9 (10)	95	10/10	12.8 (10)	87	10/10	8.5 (10)	58	10/10
2	16.2 (10)	10/10	16.3 (10)	101	10/10	16.6 (10)	102	10/10	16.1 (10)	99	10/10	15.1 (10)	93	10/10	11.9 (10)	73	10/10
3	17.0 (10)	10/10	17.1 (10)	101	10/10	17.1 (10)	101	10/10	16.9 (10)	99	10/10	15.0 (10)	88	10/10	11.1 (10)	65	10/10
4	17.8 (10)	10/10	17.5 (10)	98	10/10	17.7 (10)	99	10/10	18.1 (10)	102	10/10	14.8 (10)	83	10/10	12.2 (10)	69	10/10
5	16.9 (10)	10/10	16.9 (10)	100	10/10	17.6 (10)	104	10/10	17.6 (10)	104	10/10	14.6 (10)	86	10/10	12.7 (10)	75	10/10
6	16.5 (10)	10/10	17.0 (10)	103	10/10	17.3 (10)	105	10/10	17.1 (10)	104	10/10	15.3 (10)	93	10/10	13.6 (10)	82	10/10
7	17.0 (10)	10/10	17.8 (10)	105	10/10	17.6 (10)	104	10/10	17.6 (10)	104	10/10	15.1 (10)	89	10/10	13.0 (10)	76	10/10
8	16.9 (10)	10/10	17.4 (10)	103	10/10	17.4 (10)	103	10/10	17.3 (10)	102	10/10	14.9 (10)	88	10/10	12.9 (10)	76	10/10
9	16.8 (10)	10/10	17.6 (10)	105	10/10	17.6 (10)	105	10/10	17.5 (10)	104	10/10	15.7 (10)	93	10/10	14.0 (10)	83	10/10
10	17.1 (10)	10/10	17.3 (10)	101	10/10	17.6 (10)	103	10/10	17.1 (10)	100	10/10	14.4 (10)	84	10/10	12.9 (10)	75	10/10
11	17.0 (10)	10/10	17.5 (10)	103	10/10	17.8 (10)	105	10/10	17.1 (10)	101	10/10	15.2 (9)	89	10/10	13.1 (10)	77	10/10
12	16.9 (10)	10/10	17.5 (10)	104	10/10	17.6 (10)	104	10/10	16.7 (10)	99	10/10	15.5 (10)	92	10/10	13.3 (10)	79	10/10
13	17.1 (10)	10/10	17.2 (10)	101	10/10	17.0 (10)	99	10/10	17.0 (10)	99	10/10	15.4 (10)	90	10/10	13.3 (10)	78	10/10

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

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

Week on Study	Control		1.5 ppm			3 ppm			6 ppm			12 ppm			24 ppm		
	Au.FC.	No.of Surviv. <10>	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.
1	11.2 (10)	10/10	11.1 (10)	99	10/10	11.1 (10)	99	10/10	11.0 (10)	98	10/10	10.1 (10)	90	10/10	7.3 (10)	65	10/10
2	11.6 (10)	10/10	11.7 (10)	101	10/10	11.7 (10)	101	10/10	11.8 (10)	102	10/10	11.6 (10)	100	10/10	10.0 (10)	86	10/10
3	11.7 (10)	10/10	11.5 (10)	98	10/10	11.8 (10)	101	10/10	12.1 (10)	103	10/10	11.5 (10)	98	10/10	9.2 (10)	79	10/10
4	11.4 (10)	10/10	11.8 (10)	104	10/10	11.6 (10)	102	10/10	11.9 (10)	104	10/10	11.6 (10)	102	10/10	9.2 (10)	81	10/10
5	11.6 (10)	10/10	11.6 (10)	100	10/10	11.6 (10)	100	10/10	12.1 (10)	104	10/10	11.4 (10)	98	10/10	9.2 (10)	79	10/10
6	11.1 (10)	10/10	11.3 (10)	102	10/10	11.0 (10)	99	10/10	11.6 (10)	105	10/10	10.8 (10)	97	10/10	9.9 (10)	89	10/10
7	11.7 (10)	10/10	11.9 (10)	102	10/10	11.9 (10)	102	10/10	11.5 (10)	98	10/10	10.6 (10)	91	10/10	9.3 (10)	79	10/10
8	11.3 (10)	10/10	11.5 (10)	102	10/10	11.6 (10)	103	10/10	11.5 (10)	102	10/10	10.2 (10)	90	10/10	9.5 (10)	84	10/10
9	11.6 (10)	10/10	12.0 (10)	103	10/10	12.1 (10)	104	10/10	11.9 (10)	103	10/10	11.2 (10)	97	10/10	10.3 (10)	89	10/10
10	11.4 (10)	10/10	11.8 (10)	104	10/10	11.6 (10)	102	10/10	11.5 (10)	101	10/10	10.1 (10)	89	10/10	9.4 (10)	82	10/10
11	11.7 (10)	10/10	11.5 (10)	98	10/10	11.7 (10)	100	10/10	11.8 (10)	101	10/10	10.3 (10)	88	10/10	9.6 (10)	82	10/10
12	11.3 (10)	10/10	12.1 (10)	107	10/10	12.1 (10)	107	10/10	11.8 (10)	104	10/10	11.0 (10)	97	10/10	10.3 (10)	91	10/10
13	11.5 (10)	10/10	11.7 (10)	102	10/10	10.9 (10)	95	10/10	11.3 (10)	98	10/10	10.4 (10)	90	10/10	9.9 (10)	86	10/10

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

(Study No. 0286, 0287, 0292, 0293)

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

Week-Day on Study	Control		6.3 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	Au.Wt.	No.of Surviu. <10>	Au.Wt.	% of cont. <10>	No.of Surviu.	Au.Wt.	% of cont. <10>	No.of Surviu.	Au.Wt.	% of cont. <10>	No.of Surviu.	Au.Wt.	% of cont. <10>	No.of Surviu.	Au.Wt.	% of cont. <10>	No.of Surviu.
0-0	22.3 (10)	10/10	22.3 (10)	100	10/10	22.3 (10)	100	10/10	22.3 (10)	100	10/10	22.3 (10)	100	10/10	22.3 (10)	100	10/10
1-1	22.5 (10)	10/10	22.5 (10)	100	10/10	22.4 (10)	100	10/10	22.1 (10)	98	10/10	22.2 (10)	99	10/10	22.0 (10)	98	10/10
1-2	22.6 (10)	10/10	22.4 (10)	99	10/10	21.7 (10)	96	10/10	20.9 (10)	92	10/10	19.8 (10)	88	10/10	19.8 (10)	88	7/10
1-5	23.5 (10)	10/10	23.0 (10)	98	10/10	22.3 (10)	95	10/10	21.5 (10)	91	10/10	19.3 (9)	82	9/10	16.1 (2)	69	1/10
1-7	23.7 (10)	10/10	23.1 (10)	97	10/10	21.8 (10)	92	10/10	20.3 (10)	86	10/10	16.3 (9)	69	7/10	- (-)	-	0/10
2-3	24.2 (10)	10/10	23.3 (10)	96	10/10	21.4 (10)	88	10/10	19.7 (10)	81	10/10	14.3 (4)	59	4/10	- (-)	-	0/10
2-7	24.6 (10)	10/10	23.6 (10)	96	10/10	21.8 (10)	89	10/10	19.9 (10)	81	10/10	13.4 (4)	54	4/10	- (-)	-	0/10

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

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

Week-Day on Study	Control		6.3 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	Au.Wt.	No.of Surviu. <10>	Au.Wt.	% of cont. <10>	No.of Surviu.	Au.Wt.	% of cont. <10>	No.of Surviu.	Au.Wt.	% of cont. <10>	No.of Surviu.	Au.Wt.	% of cont. <10>	No.of Surviu.	Au.Wt.	% of cont. <10>	No.of Surviu.
0-0	18.5 (10)	10/10	18.5 (10)	100	10/10	18.5 (10)	100	10/10	18.5 (10)	100	10/10	18.5 (10)	100	10/10	18.5 (10)	100	10/10
1-1	18.5 (10)	10/10	17.9 (10)	97	10/10	18.2 (10)	98	10/10	18.3 (10)	99	10/10	18.3 (10)	99	10/10	18.0 (10)	97	10/10
1-2	18.5 (10)	10/10	18.0 (10)	97	10/10	18.1 (10)	98	10/10	17.4 (10)	94	10/10	16.4 (10)	89	10/10	15.7 (10)	85	9/10
1-5	19.5 (10)	10/10	19.4 (10)	99	10/10	18.6 (10)	95	10/10	18.5 (10)	95	10/10	16.6 (10)	85	10/10	12.8 (6)	66	3/10
1-7	19.6 (10)	10/10	19.4 (10)	99	10/10	18.5 (10)	94	10/10	17.4 (10)	89	10/10	15.1 (9)	77	9/10	- (-)	-	0/10
2-3	20.3 (10)	10/10	19.9 (10)	98	10/10	18.3 (10)	90	10/10	16.9 (10)	83	10/10	12.9 (9)	64	9/10	- (-)	-	0/10
2-7	20.6 (10)	10/10	20.2 (10)	98	10/10	18.4 (10)	89	10/10	17.1 (10)	88	10/10	12.2 (9)	59	9/10	- (-)	-	0/10

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

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

Week on Study	Control		6.3 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	Au.FC.	No.of Surviv. <10>	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.
1	4.2 (10)	10/10	4.1 (10)	98	10/10	3.6 (10)	86	10/10	3.0 (10)	71	10/10	1.8 (9)	43	7/10	- (-)	-	0/10
2	4.1 (10)	10/10	4.2 (10)	102	10/10	3.7 (10)	90	10/10	2.9 (10)	71	10/10	1.9 (4)	46	4/10	- (-)	-	0/10
< >:No.of effective animals,():No.of measured animals Au.FC.: g																	

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

Week on Study	Control		6.3 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	Au.FC.	No.of Surviv. <10>	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.	Au.FC.	% of cont. <10>	No.of Surviv.
1	3.7 (10)	10/10	3.7 (10)	100	10/10	3.3 (10)	89	10/10	2.9 (10)	78	10/10	2.1 (9)	57	9/10	- (-)	-	0/10
2	3.9 (10)	10/10	3.6 (10)	92	10/10	3.3 (10)	85	10/10	2.6 (10)	67	10/10	1.9 (9)	49	9/10	- (-)	-	0/10
< >:No.of effective animals,():No.of measured animals Au.FC.: g																	

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

Week-Day on Study	Control		1.5 ppm		3 ppm		6 ppm		12 ppm		24 ppm			
	Au.Wt.	No.of Surviv. <10>	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.
0-0	22.2 (10)	10/10	22.2 (10)	100	10/10	22.2 (10)	100	10/10	22.2 (10)	100	10/10	22.2 (10)	100	10/10
1-1	22.0 (10)	10/10	22.1 (10)	100	10/10	22.2 (10)	101	10/10	22.0 (10)	100	10/10	21.7 (10)	99	10/10
1-7	23.4 (10)	10/10	23.5 (10)	100	10/10	23.5 (10)	100	10/10	22.9 (10)	98	10/10	22.2 (10)	95	10/10
2-7	23.8 (10)	10/10	24.3 (10)	102	10/10	23.8 (10)	100	10/10	23.1 (10)	97	10/10	22.0 (10)	92	10/10
3-7	24.9 (9)	9/10	24.9 (10)	100	10/10	24.6 (10)	99	10/10	23.8 (10)	96	10/10	22.3 (10)	90	10/10
4-7	25.9 (9)	9/10	25.6 (10)	99	10/10	25.2 (10)	97	10/10	24.2 (10)	93	10/10	22.6 (10)	87	10/10
5-7	26.5 (9)	9/10	26.2 (10)	99	10/10	25.8 (10)	97	10/10	24.9 (10)	94	10/10	23.1 (10)	87	10/10
6-7	27.0 (9)	9/10	26.6 (10)	99	10/10	26.7 (9)	99	9/10	25.5 (10)	94	10/10	23.4 (10)	87	10/10
7-7	27.6 (9)	9/10	27.1 (10)	98	10/10	27.4 (9)	99	9/10	25.9 (10)	94	10/10	23.8 (10)	86	10/10
8-7	28.6 (9)	9/10	27.6 (10)	97	10/10	28.0 (9)	98	9/10	26.3 (10)	92	10/10	23.9 (10)	84	10/10
9-7	29.4 (9)	9/10	28.0 (10)	95	10/10	28.3 (9)	96	9/10	26.5 (10)	90	10/10	24.3 (10)	83	10/10
10-7	30.2 (9)	9/10	29.3 (10)	97	10/10	29.0 (9)	96	9/10	27.0 (10)	89	10/10	24.6 (10)	81	10/10
11-7	30.5 (9)	9/10	29.9 (10)	98	10/10	29.5 (9)	97	9/10	27.5 (10)	90	10/10	25.3 (10)	83	10/10
12-7	31.1 (9)	9/10	30.1 (10)	97	10/10	30.4 (9)	98	9/10	27.8 (10)	89	10/10	25.0 (10)	80	10/10
13-7	31.7 (9)	9/10	30.8 (10)	97	10/10	30.6 (9)	97	9/10	28.1 (10)	89	10/10	25.3 (10)	80	10/10

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

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

Week-Day on Study	Control		1.5 ppm		3 ppm		6 ppm		12 ppm		24 ppm			
	Au.Wt.	No.of Surviv. <10>	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. <10>	No.of Surviv.	Au.Wt.	% of cont. < 9>	No.of Surviv.
0-0	18.4 (10)	10/10	18.4 (10)	100	10/10	18.4 (10)	100	10/10	18.4 (10)	100	10/10	18.4 (9)	100	10/10
1-1	17.8 (10)	10/10	17.7 (10)	99	10/10	18.1 (10)	102	10/10	17.9 (10)	101	10/10	17.9 (10)	101	10/10
1-7	19.4 (10)	10/10	19.1 (10)	98	10/10	19.5 (10)	101	10/10	19.2 (10)	99	10/10	18.5 (10)	95	10/10
2-7	20.3 (10)	10/10	19.9 (10)	98	10/10	20.3 (10)	100	10/10	20.1 (10)	99	10/10	18.8 (10)	93	10/10
3-7	21.4 (10)	10/10	20.6 (10)	96	10/10	21.2 (10)	99	10/10	21.1 (10)	99	10/10	19.4 (10)	91	10/10
4-7	21.7 (10)	10/10	21.5 (10)	99	10/10	21.7 (10)	100	10/10	21.3 (10)	98	10/10	19.8 (10)	91	10/10
5-7	22.2 (10)	10/10	21.6 (10)	97	10/10	21.9 (10)	99	10/10	21.9 (10)	99	10/10	20.3 (10)	91	10/10
6-7	23.0 (10)	10/10	22.3 (10)	97	10/10	23.0 (10)	100	10/10	22.4 (10)	97	10/10	20.7 (10)	90	10/10
7-7	23.5 (10)	10/10	23.0 (10)	98	10/10	23.5 (10)	100	10/10	22.6 (10)	96	10/10	20.9 (10)	89	10/10
8-7	24.3 (10)	10/10	22.8 (10)	94	10/10	23.7 (10)	98	10/10	23.2 (10)	95	10/10	21.1 (10)	87	10/10
9-7	23.7 (10)	10/10	23.3 (10)	98	10/10	24.2 (10)	102	10/10	23.1 (10)	97	10/10	21.6 (10)	91	10/10
10-7	24.8 (10)	10/10	23.7 (10)	96	10/10	24.7 (10)	100	10/10	24.2 (10)	98	10/10	21.6 (10)	87	10/10
11-7	25.7 (10)	10/10	24.1 (10)	94	10/10	25.1 (10)	98	10/10	24.4 (10)	95	10/10	22.3 (10)	87	10/10
12-7	25.6 (10)	10/10	24.4 (10)	95	10/10	25.4 (10)	99	10/10	24.4 (10)	95	10/10	22.1 (10)	86	10/10
13-7	25.8 (10)	10/10	24.4 (10)	95	10/10	25.5 (10)	99	10/10	24.8 (10)	96	10/10	22.4 (10)	87	10/10

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

(Study No. 0286, 0287, 0292, 0293)

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

Week on Study	Control		1.5 ppm			3 ppm			6 ppm			12 ppm			24 ppm		
	Au.F.C.	No. of Surviv. <10>	Au.F.C.	% of cont. <10>	No. of Surviv.	Au.F.C.	% of cont. <10>	No. of Surviv.	Au.F.C.	% of cont. <10>	No. of Surviv.	Au.F.C.	% of cont. <10>	No. of Surviv.	Au.F.C.	% of cont. <10>	No. of Surviv.
1	3.8 (10)	10/10	3.9 (10)	103	10/10	3.9 (10)	103	10/10	3.8 (10)	100	10/10	3.6 (10)	95	10/10	2.8 (10)	74	10/10
2	3.7 (10)	10/10	4.0 (10)	108	10/10	3.9 (10)	105	10/10	3.6 (10)	97	10/10	3.4 (10)	92	10/10	2.5 (10)	68	10/10
3	3.8 (9)	9/10	4.0 (10)	105	10/10	3.8 (10)	100	10/10	3.8 (10)	100	10/10	3.4 (10)	89	10/10	2.8 (10)	74	10/10
4	3.9 (9)	9/10	4.0 (10)	103	10/10	3.9 (10)	100	10/10	3.8 (10)	97	10/10	3.5 (10)	90	10/10	3.0 (10)	77	10/10
5	4.0 (9)	9/10	4.1 (10)	103	10/10	4.0 (10)	100	10/10	3.8 (10)	95	10/10	3.6 (10)	90	10/10	3.0 (10)	75	10/10
6	4.0 (9)	9/10	4.0 (10)	100	10/10	4.1 (9)	103	9/10	3.8 (10)	95	10/10	3.5 (10)	88	10/10	3.0 (10)	75	10/10
7	4.0 (9)	9/10	4.0 (10)	100	10/10	4.3 (9)	108	9/10	3.9 (10)	98	10/10	3.6 (10)	90	10/10	3.1 (10)	78	10/10
8	4.2 (9)	9/10	4.1 (10)	98	10/10	4.5 (9)	107	9/10	3.8 (10)	90	10/10	3.5 (10)	83	10/10	3.1 (10)	74	10/10
9	4.1 (9)	9/10	4.2 (10)	102	10/10	4.5 (9)	110	9/10	3.8 (10)	93	10/10	3.4 (10)	83	10/10	3.0 (10)	73	10/10
10	4.2 (9)	9/10	4.5 (10)	107	10/10	4.5 (9)	107	9/10	3.9 (10)	93	10/10	3.6 (10)	86	10/10	3.2 (10)	76	10/10
11	4.2 (9)	9/10	4.4 (10)	105	10/10	4.7 (9)	112	9/10	4.0 (10)	95	10/10	3.6 (10)	86	10/10	3.3 (10)	79	10/10
12	4.3 (9)	9/10	4.3 (10)	100	10/10	4.8 (9)	112	9/10	3.9 (10)	91	10/10	3.4 (10)	79	10/10	3.0 (10)	70	10/10
13	4.2 (9)	9/10	4.4 (10)	105	10/10	4.6 (9)	110	9/10	3.8 (10)	90	10/10	3.5 (10)	83	10/10	3.2 (10)	76	10/10

< >:No. of effective animals, ():No. of measured animals Au.F.C.: g

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

Week on Study	Control		1.5 ppm			3 ppm			6 ppm			12 ppm			24 ppm		
	Au.F.C.	No. of Surviv. <10>	Au.F.C.	% of cont. <10>	No. of Surviv.	Au.F.C.	% of cont. <10>	No. of Surviv.	Au.F.C.	% of cont. <10>	No. of Surviv.	Au.F.C.	% of cont. <10>	No. of Surviv.	Au.F.C.	% of cont. <9>	No. of Surviv.
1	3.4 (10)	10/10	3.5 (10)	103	10/10	3.5 (10)	103	10/10	3.4 (10)	100	10/10	3.2 (10)	94	10/10	2.8 (9)	82	9/9
2	3.6 (10)	10/10	3.5 (10)	97	10/10	3.6 (10)	100	10/10	3.4 (10)	94	10/10	3.1 (10)	86	10/10	2.3 (9)	64	9/9
3	3.7 (10)	10/10	3.6 (10)	97	10/10	3.7 (10)	100	10/10	3.6 (10)	97	10/10	3.2 (10)	86	10/10	2.5 (9)	68	9/9
4	3.8 (10)	10/10	3.7 (10)	97	10/10	3.9 (10)	103	10/10	3.6 (10)	95	10/10	3.2 (10)	84	10/10	2.7 (9)	71	9/9
5	4.0 (10)	10/10	3.7 (10)	93	10/10	3.8 (10)	95	10/10	3.8 (10)	95	10/10	3.5 (10)	88	10/10	2.9 (9)	73	9/9
6	4.0 (10)	10/10	3.8 (10)	95	10/10	4.1 (10)	103	10/10	3.9 (10)	98	10/10	3.5 (10)	88	10/10	2.8 (9)	70	9/9
7	4.1 (10)	10/10	3.9 (10)	95	10/10	4.4 (10)	107	10/10	3.9 (10)	95	10/10	3.5 (10)	85	10/10	3.0 (9)	73	9/9
8	4.2 (10)	10/10	3.9 (10)	93	10/10	4.4 (10)	105	10/10	3.8 (10)	90	10/10	3.4 (10)	81	10/10	2.9 (9)	69	9/9
9	4.0 (10)	10/10	3.9 (10)	98	10/10	4.5 (10)	113	10/10	3.9 (10)	98	10/10	3.4 (10)	85	10/10	2.8 (9)	70	9/9
10	4.3 (10)	10/10	4.0 (10)	93	10/10	4.6 (10)	107	10/10	4.1 (10)	95	10/10	3.5 (10)	81	10/10	2.9 (9)	67	9/9
11	4.4 (10)	10/10	4.2 (10)	95	10/10	4.7 (10)	107	10/10	4.1 (10)	93	10/10	3.7 (10)	84	10/10	3.0 (9)	68	9/9
12	4.2 (10)	10/10	4.0 (10)	95	10/10	4.6 (10)	110	10/10	3.9 (10)	93	10/10	3.5 (10)	83	10/10	2.9 (9)	69	9/9
13	4.2 (10)	10/10	3.9 (10)	93	10/10	4.7 (10)	112	10/10	3.9 (10)	93	10/10	3.5 (10)	83	10/10	3.0 (9)	71	9/9

< >:No. of effective animals, ():No. of measured animals Au.F.C.: g

(Study No. 0286, 0287, 0292, 0293)