

1-ブロモ-3-クロロプロバンのマウスを用いた
吸入による 13 週間毒性試験報告書

試験番号：0398

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OF 1-BROMO-3-CHLOROPROPANE

Week-Day on Study	0ppm		25ppm		50ppm		100ppm		200ppm		400ppm						
	Av.Wt.	No.of Surviv.	Av.Wt.	% of cont.	No.of Surviv.	Av.Wt.	% of cont.	No.of Surviv.	Av.Wt.	% of cont.	No.of Surviv.	Av.Wt.	% of cont.	No.of Surviv.			
	<10>		<10>		<10>	<10>		<10>	<10>		<10>	<10>		<10>			
0-0	23.2 (10)	10/10	23.2 (10)	100	10/10	23.3 (10)	100	10/10	23.2 (10)	100	10/10	23.2 (10)	100	10/10	23.2 (10)	100	10/10
1-7	24.4 (10)	10/10	24.4 (10)	100	10/10	24.5 (10)	100	10/10	24.2 (10)	99	10/10	24.2 (10)	99	10/10	22.8 (10)	93	10/10
2-7	25.6 (10)	10/10	24.9 (10)	97	10/10	25.1 (10)	98	10/10	24.7 (10)	96	10/10	24.7 (10)	96	10/10	23.2 (10)	91	10/10
3-7	26.3 (10)	10/10	25.5 (10)	97	10/10	25.3 (10)	96	10/10	25.2 (10)	96	10/10	25.4 (10)	97	10/10	23.8 (10)	90	10/10
4-7	27.0 (10)	10/10	25.8 (10)	96	10/10	25.9 (10)	96	10/10	25.8 (10)	96	10/10	25.9 (10)	96	10/10	23.9 (10)	89	10/10
5-7	27.6 (10)	10/10	26.8 (10)	97	10/10	26.6 (10)	96	10/10	26.3 (10)	95	10/10	26.4 (10)	96	10/10	24.8 (10)	90	10/10
6-7	28.5 (10)	10/10	27.3 (10)	96	10/10	27.1 (10)	95	10/10	26.9 (10)	94	10/10	26.8 (10)	94	10/10	25.4 (10)	89	10/10
7-7	29.2 (10)	10/10	27.7 (10)	95	10/10	28.1 (10)	96	10/10	27.1 (10)	93	10/10	27.0 (10)	92	10/10	26.0 (10)	89	10/10
8-7	29.8 (10)	10/10	28.0 (10)	94	10/10	28.3 (10)	95	10/10	27.6 (10)	93	10/10	27.4 (10)	92	10/10	26.2 (10)	88	10/10
9-7	30.3 (10)	10/10	29.0 (10)	96	10/10	29.3 (10)	97	10/10	28.2 (10)	93	10/10	28.2 (10)	93	10/10	26.7 (10)	88	10/10
10-7	31.0 (10)	10/10	29.3 (10)	95	10/10	29.9 (10)	96	10/10	28.7 (10)	93	10/10	28.7 (10)	93	10/10	27.2 (10)	88	10/10
11-7	31.6 (10)	10/10	29.6 (10)	94	10/10	30.1 (10)	95	10/10	29.0 (10)	92	10/10	29.2 (10)	92	10/10	27.5 (10)	87	10/10
12-7	32.5 (10)	10/10	30.1 (10)	93	10/10	30.9 (10)	95	10/10	29.4 (10)	90	10/10	29.8 (10)	92	10/10	27.8 (10)	86	10/10
13-7	32.7 (10)	10/10	30.5 (10)	93	10/10	31.2 (10)	95	10/10	29.7 (10)	91	10/10	30.2 (10)	92	10/10	28.5 (10)	87	10/10

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

TABLE 2 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES OF FEMALE MICE IN THE 13-WEEK INHALATION STUDY OF 1-BROMO-3-CHLOROPROPANE

Week-Day on Study	0ppm		25ppm		50ppm		100ppm		200ppm		400ppm						
	Av.Wt.	No.of Surviv.	Av.Wt.	% of cont.	No.of Surviv.	Av.Wt.	% of cont.	No.of Surviv.	Av.Wt.	% of cont.	No.of Surviv.	Av.Wt.	% of cont.	No.of Surviv.			
	<10>		<10>		<10>	<10>		<10>	<10>		<10>	<10>		<10>			
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
1-7	19.6 (10)	10/10	19.9 (10)	102	10/10	19.6 (10)	100	10/10	20.0 (10)	102	10/10	19.2 (10)	98	10/10	19.0 (10)	97	10/10
2-7	20.5 (10)	10/10	21.0 (10)	102	10/10	20.7 (10)	101	10/10	20.5 (10)	100	10/10	20.2 (10)	99	10/10	19.4 (10)	95	10/10
3-7	21.0 (10)	10/10	21.2 (10)	101	10/10	21.0 (10)	100	10/10	21.3 (10)	101	10/10	20.6 (10)	98	10/10	19.5 (10)	93	10/10
4-7	21.9 (10)	10/10	21.8 (10)	100	10/10	21.6 (10)	99	10/10	22.3 (10)	102	10/10	21.3 (10)	97	10/10	19.8 (10)	90	10/10
5-7	22.3 (10)	10/10	22.8 (10)	102	10/10	22.7 (10)	102	10/10	22.6 (10)	101	10/10	21.9 (10)	98	10/10	20.5 (10)	92	10/10
6-7	22.3 (10)	10/10	23.3 (10)	104	10/10	22.6 (10)	101	10/10	23.6 (10)	106	10/10	22.2 (10)	100	10/10	20.9 (10)	94	10/10
7-7	23.2 (10)	10/10	23.4 (10)	101	10/10	23.5 (10)	101	10/10	23.4 (10)	101	10/10	22.2 (10)	96	10/10	21.4 (10)	92	10/10
8-7	23.3 (10)	10/10	23.6 (10)	101	10/10	23.6 (10)	101	10/10	23.7 (10)	102	10/10	22.7 (10)	97	10/10	22.1 (10)	95	10/10
9-7	23.6 (10)	10/10	24.0 (10)	102	10/10	23.9 (10)	101	10/10	24.2 (10)	103	10/10	23.2 (10)	98	10/10	22.1 (10)	94	10/10
10-7	23.7 (10)	10/10	24.8 (10)	105	10/10	24.1 (10)	102	10/10	24.8 (10)	105	10/10	23.9 (10)	101	10/10	22.2 (10)	94	10/10
11-7	23.8 (10)	10/10	24.1 (10)	101	10/10	24.5 (10)	103	10/10	24.5 (10)	103	10/10	23.5 (10)	99	10/10	22.7 (10)	95	10/10
12-7	24.4 (10)	10/10	25.4 (10)	104	10/10	25.1 (10)	103	10/10	24.8 (10)	102	10/10	24.1 (10)	99	10/10	23.1 (10)	95	10/10
13-7	24.5 (10)	10/10	24.8 (10)	101	10/10	24.8 (10)	101	10/10	24.8 (10)	101	10/10	24.5 (10)	100	10/10	23.1 (10)	94	10/10

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

TABLE 3 FOOD CONSUMPTION CHANGES OF MALE MICE IN THE 13-WEEK INHALATION STUDY OF 1-BROMO-3-CHLOROPROPANE

Week-Day on Study	0ppm		25ppm		50ppm		100ppm		200ppm		400ppm	
	Av.FC.	No.of Surviv.	Av.FC.	% of cont. No.of Surviv.	Av.FC.	% of cont. No.of Surviv.	Av.FC.	% of cont. No.of Surviv.	Av.FC.	% of cont. No.of Surviv.	Av.FC.	% of cont. No.of Surviv.
		<10>		<10>		<10>		<10>		<10>		<10>
1-7	4.1 (10)	10/10	4.1 (10)	100 10/10	4.1 (10)	100 10/10	4.0 (10)	98 10/10	4.0 (10)	98 10/10	3.5 (10)	85 10/10
2-7	4.3 (10)	10/10	4.0 (10)	93 10/10	4.0 (10)	93 10/10	4.1 (10)	95 10/10	4.0 (10)	93 10/10	3.8 (10)	88 10/10
3-7	4.2 (10)	10/10	4.0 (10)	95 10/10	4.0 (10)	95 10/10	4.1 (10)	98 10/10	4.2 (10)	100 10/10	3.9 (10)	93 10/10
4-7	4.2 (10)	10/10	4.0 (10)	95 10/10	4.1 (10)	98 10/10	4.2 (10)	100 10/10	4.2 (10)	100 10/10	3.9 (10)	93 10/10
5-7	4.1 (10)	10/10	4.1 (10)	100 10/10	4.2 (10)	102 10/10	4.3 (10)	105 10/10	4.2 (10)	102 10/10	4.2 (10)	102 10/10
6-7	4.4 (10)	10/10	4.1 (10)	93 10/10	4.2 (10)	95 10/10	4.4 (10)	100 10/10	4.2 (10)	95 10/10	4.2 (10)	95 10/10
7-7	4.4 (10)	10/10	4.1 (10)	93 10/10	4.3 (10)	98 10/10	4.4 (10)	100 10/10	4.3 (10)	98 10/10	4.2 (10)	95 10/10
8-7	4.4 (10)	10/10	4.3 (10)	98 10/10	4.4 (10)	100 10/10	4.6 (10)	105 10/10	4.3 (10)	98 10/10	4.2 (10)	95 10/10
9-7	4.3 (10)	10/10	4.3 (10)	100 10/10	4.6 (10)	107 10/10	4.7 (10)	109 10/10	4.4 (10)	102 10/10	4.4 (10)	102 10/10
10-7	4.4 (10)	10/10	4.3 (10)	98 10/10	4.6 (10)	105 10/10	4.6 (10)	105 10/10	4.5 (10)	102 10/10	4.3 (10)	98 10/10
11-7	4.5 (10)	10/10	4.2 (10)	93 10/10	4.4 (10)	98 10/10	4.5 (10)	100 10/10	4.2 (10)	93 10/10	4.1 (10)	91 10/10
12-7	4.6 (10)	10/10	4.4 (10)	96 10/10	4.5 (10)	98 10/10	4.6 (10)	100 10/10	4.5 (10)	98 10/10	4.3 (10)	93 10/10
13-7	4.5 (10)	10/10	4.4 (10)	98 10/10	4.5 (10)	100 10/10	4.6 (10)	102 10/10	4.4 (10)	98 10/10	4.3 (10)	96 10/10

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

TABLE 4 FOOD CONSUMPTION CHANGES OF FEMALE MICE IN THE 13-WEEK INHALATION STUDY OF 1-BROMO-3-CHLOROPROPANE

Week-Day on Study	Oppm		25ppm		50ppm		100ppm		200ppm		400ppm						
	Av.FC.	No.of Surviv.	Av.FC.	% of cont.	No.of Surviv.	Av.FC.	% of cont.	No.of Surviv.	Av.FC.	% of cont.	No.of Surviv.	Av.FC.	% of cont.	No.of Surviv.			
		<10>			<10>			<10>			<10>			<10>			
1-7	3.4 (10)	10/10	3.5 (10)	103	10/10	3.4 (10)	100	10/10	3.4 (10)	100	10/10	3.2 (10)	94	10/10	3.0 (10)	88	10/10
2-7	3.5 (10)	10/10	3.7 (10)	106	10/10	3.6 (10)	103	10/10	3.6 (10)	103	10/10	3.4 (10)	97	10/10	3.3 (10)	94	10/10
3-7	3.7 (10)	10/10	3.8 (10)	103	10/10	3.7 (10)	100	10/10	3.9 (10)	105	10/10	3.7 (10)	100	10/10	3.2 (10)	86	10/10
4-7	3.8 (10)	10/10	4.0 (10)	105	10/10	3.9 (10)	103	10/10	4.2 (10)	111	10/10	3.7 (10)	97	10/10	3.4 (10)	89	10/10
5-7	3.9 (10)	10/10	4.1 (10)	105	10/10	4.3 (10)	110	10/10	4.3 (10)	110	10/10	3.9 (10)	100	10/10	3.7 (10)	95	10/10
6-7	4.0 (10)	10/10	4.2 (10)	105	10/10	4.4 (10)	110	10/10	4.5 (10)	113	10/10	4.0 (10)	100	10/10	3.6 (10)	90	10/10
7-7	4.2 (10)	10/10	4.2 (10)	100	10/10	4.6 (10)	110	10/10	4.5 (10)	107	10/10	4.0 (10)	95	10/10	3.8 (10)	90	10/10
8-7	4.1 (10)	10/10	4.3 (10)	105	10/10	4.6 (10)	112	10/10	4.5 (10)	110	10/10	4.1 (10)	100	10/10	3.8 (10)	93	10/10
9-7	4.1 (10)	10/10	4.3 (10)	105	10/10	4.6 (10)	112	10/10	4.7 (10)	115	10/10	4.3 (10)	105	10/10	4.0 (10)	98	10/10
10-7	4.1 (10)	10/10	4.4 (10)	107	10/10	4.7 (10)	115	10/10	4.6 (10)	112	10/10	4.3 (10)	105	10/10	4.0 (10)	98	10/10
11-7	4.1 (10)	10/10	4.1 (10)	100	10/10	4.7 (10)	115	10/10	4.4 (10)	107	10/10	4.0 (10)	98	10/10	3.9 (10)	95	10/10
12-7	4.2 (10)	10/10	4.5 (10)	107	10/10	4.8 (10)	114	10/10	4.6 (10)	110	10/10	4.2 (10)	100	10/10	4.0 (10)	95	10/10
13-7	4.2 (10)	10/10	4.2 (10)	100	10/10	4.7 (10)	112	10/10	4.6 (10)	110	10/10	4.2 (10)	100	10/10	3.9 (10)	93	10/10

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