

2-フェノキシエタノールのラットを用いた経口投与
による2週間毒性試験（混水試験）報告書

試験番号： 0453

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TABLE 1 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES OF MALE RATS
IN THE 2-WEEK DRINKING WATER STUDY OF 2-PHENOXYETHANOL

Week on Study	Control			1600ppm			4000ppm			10000ppm			17500ppm			25000ppm		
	Av. Wt. <5>	No. of Surviv. <5>		Av. Wt. <5>	% of cont. <5>	No. of Surviv.	Av. Wt. <5>	% of cont. <5>	No. of Surviv.	Av. Wt. <5>	% of cont. <5>	No. of Surviv.	Av. Wt. <5>	% of cont. <5>	No. of Surviv.	Av. Wt. <5>	% of cont. <5>	No. of Surviv.
0-0	125 (5)	5 / 5		125 (5)	100	5 / 5	125 (5)	100	5 / 5	126 (5)	101	5 / 5	125 (5)	100	5 / 5	125 (5)	100	5 / 5
1-3	137 (5)	5 / 5		139 (5)	101	5 / 5	137 (5)	100	5 / 5	134 (5)	98	5 / 5	123 (5)	90	5 / 5	111 (5)	81	5 / 5
1-7	155 (5)	5 / 5		157 (5)	101	5 / 5	151 (5)	97	5 / 5	147 (5)	95	5 / 5	139 (5)	90	5 / 5	111 (5)	72	5 / 5
2-3	165 (5)	5 / 5		170 (5)	103	5 / 5	162 (5)	98	5 / 5	161 (5)	98	5 / 5	150 (5)	91	5 / 5	124 (5)	75	5 / 5
2-7	179 (5)	5 / 5		186 (5)	104	5 / 5	171 (5)	96	5 / 5	172 (5)	96	5 / 5	161 (5)	90	5 / 5	139 (5)	78	5 / 5

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

TABLE 2 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES OF FEMALE RATS
IN THE 2-WEEK DRINKING WATER STUDY OF 2-PHENOXYETHANOL

Week on Study	Control			1600ppm			4000ppm			10000ppm			17500ppm			25000ppm		
	Av. Wt. <5>	No. of Surviv. <5>		Av. Wt. <5>	% of cont. <5>	No. of Surviv.	Av. Wt. <5>	% of cont. <5>	No. of Surviv.	Av. Wt. <5>	% of cont. <5>	No. of Surviv.	Av. Wt. <5>	% of cont. <5>	No. of Surviv.	Av. Wt. <5>	% of cont. <5>	No. of Surviv.
0-0	101 (5)	5 / 5		102 (5)	101	5 / 5	101 (5)	100	5 / 5	101 (5)	100	5 / 5	101 (5)	100	5 / 5	101 (5)	100	5 / 5
1-3	107 (5)	5 / 5		108 (5)	101	5 / 5	107 (5)	100	5 / 5	103 (5)	96	5 / 5	95 (5)	89	5 / 5	87 (5)	81	5 / 5
1-7	113 (5)	5 / 5		115 (5)	102	5 / 5	113 (5)	100	5 / 5	111 (5)	98	5 / 5	100 (5)	88	5 / 5	77 (5)	68	5 / 5
2-3	119 (5)	5 / 5		120 (5)	101	5 / 5	118 (5)	99	5 / 5	116 (5)	97	5 / 5	105 (5)	88	5 / 5	80 (5)	67	5 / 5
2-7	124 (5)	5 / 5		125 (5)	101	5 / 5	123 (5)	99	5 / 5	122 (5)	98	5 / 5	110 (5)	89	5 / 5	91 (5)	73	5 / 5

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

TABLE 3 WATER CONSUMPTION CHANGES OF MALE RATS IN THE 2-WEEK DRINKING WATER STUDY OF 2-PHENOXYETHANOL

Week on Study	Control		1600ppm			4000ppm			10000ppm			17500ppm			25000ppm		
	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.	Av. Wt.	% of cont.	No. of Surviv.
	<5>		<5>			<5>			<5>			<5>			<5>		
1-3	18.9 (5)	5 / 5	17.7 (5)	94	5 / 5	16.9 (5)	89	5 / 5	13.0 (5)	69	5 / 5	11.2 (5)	59	5 / 5	6.2 (5)	33	5 / 5
1-7	17.9 (5)	5 / 5	18.3 (5)	102	5 / 5	17.4 (5)	97	5 / 5	13.7 (5)	77	5 / 5	16.4 (5)	92	5 / 5	11.6 (5)	65	5 / 5
2-3	17.8 (5)	5 / 5	18.2 (5)	102	5 / 5	17.2 (5)	97	5 / 5	14.3 (5)	80	5 / 5	13.8 (5)	78	5 / 5	16.0 (5)	90	5 / 5
2-7	18.5 (5)	5 / 5	19.6 (5)	106	5 / 5	16.8 (5)	91	5 / 5	14.5 (5)	78	5 / 5	14.4 (5)	78	5 / 5	15.1 (5)	82	5 / 5
< > : No.of effective animals, () : No.of measured animals Av.Wc.:g																	

TABLE 4 WATER CONSUMPTION CHANGES OF FEMALE RATS IN THE 2-WEEK DRINKING WATER STUDY OF 2-PHENOXYETHANOL

Week on Study	Control		1600ppm			4000ppm			10000ppm			17500ppm			25000ppm		
	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.	Av. Wt.	% of cont.	No. of Surviv.
	<5>		<5>			<5>			<5>			<5>			<5>		
1-3	15.8 (5)	5 / 5	15.4 (5)	97	5 / 5	16.3 (5)	103	5 / 5	10.6 (5)	67	5 / 5	7.6 (5)	48	5 / 5	5.0 (5)	32	5 / 5
1-7	16.1 (4)	5 / 5	15.7 (5)	98	5 / 5	14.3 (5)	89	5 / 5	12.5 (5)	78	5 / 5	12.6 (5)	78	5 / 5	6.9 (5)	43	5 / 5
2-3	14.8 (5)	5 / 5	14.4 (5)	97	5 / 5	19.6 (5)	132	5 / 5	11.2 (5)	76	5 / 5	11.3 (5)	76	5 / 5	11.3 (5)	76	5 / 5
2-7	15.7 (5)	5 / 5	14.9 (5)	95	5 / 5	17.8 (5)	113	5 / 5	12.0 (5)	76	5 / 5	10.9 (5)	69	5 / 5	13.0 (5)	83	5 / 5
< > : No.of effective animals, () : No.of measured animals Av.Wc.:g																	

TABLE 5 FOOD CONSUMPTION CHANGES OF MALE RATS IN THE 2-WEEK DRINKING WATER STUDY OF 2-PHENOXYETHANOL

Week on Study	Control		1600ppm			4000ppm			10000ppm			17500ppm			25000ppm		
	Av. Wt. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5
1-3	13.3 (5)	5 / 5	13.5 (5)	102	5 / 5	13.1 (5)	98	5 / 5	11.5 (5)	86	5 / 5	9.5 (5)	71	5 / 5	7.6 (5)	57	5 / 5
1-7	14.0 (5)	5 / 5	14.0 (5)	100	5 / 5	13.5 (5)	96	5 / 5	12.2 (5)	87	5 / 5	11.1 (5)	79	5 / 5	6.9 (4)	49	5 / 5
2-3	14.2 (5)	5 / 5	15.0 (5)	106	5 / 5	13.8 (5)	97	5 / 5	13.0 (5)	92	5 / 5	12.4 (5)	87	5 / 5	9.8 (5)	69	5 / 5
2-7	14.8 (5)	5 / 5	15.8 (5)	107	5 / 5	13.5 (5)	91	5 / 5	13.5 (5)	91	5 / 5	13.2 (5)	89	5 / 5	12.1 (5)	82	5 / 5

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

TABLE 6 FOOD CONSUMPTION CHANGES OF FEMALE RATS IN THE 2-WEEK DRINKING WATER STUDY OF 2-PHENOXYETHANOL

Week on Study	Control		1600ppm			4000ppm			10000ppm			17500ppm			25000ppm		
	Av. Wt. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5	Av. Wt. <5>	% of cont. <5>	No. of Surviv. 5 / 5
1-3	9.8 (5)	5 / 5	10.5 (5)	107	5 / 5	9.9 (5)	101	5 / 5	8.5 (5)	87	5 / 5	6.9 (5)	70	5 / 5	5.5 (5)	56	5 / 5
1-7	10.1 (5)	5 / 5	10.6 (5)	105	5 / 5	10.0 (5)	99	5 / 5	9.6 (5)	95	5 / 5	7.4 (5)	73	5 / 5	3.8 (5)	38	5 / 5
2-3	9.8 (5)	5 / 5	10.2 (5)	104	5 / 5	9.9 (5)	101	5 / 5	9.2 (5)	94	5 / 5	8.3 (5)	85	5 / 5	6.2 (5)	63	5 / 5
2-7	10.3 (5)	5 / 5	10.5 (5)	102	5 / 5	10.0 (5)	97	5 / 5	9.7 (5)	94	5 / 5	8.9 (5)	86	5 / 5	8.8 (5)	85	5 / 5

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