

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

試験番号： 0454

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

Week on Study	Control		1600ppm			4000ppm			7000ppm			10000ppm			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>		
0-0	22.8 (5)	5 / 5	22.8 (5)	100	5 / 5	22.8 (5)	100	5 / 5	22.8 (5)	100	5 / 5	22.8 (5)	100	5 / 5	22.7 (5)	100	5 / 5
1-3	23.5 (5)	5 / 5	23.2 (5)	99	5 / 5	23.0 (5)	98	5 / 5	23.0 (5)	98	5 / 5	22.3 (5)	95	5 / 5	19.2 (5)	82	5 / 5
1-7	24.1 (5)	5 / 5	23.8 (5)	99	5 / 5	23.3 (5)	97	5 / 5	23.9 (5)	99	5 / 5	23.0 (5)	95	5 / 5	19.6 (5)	81	5 / 5
2-3	25.1 (5)	5 / 5	24.9 (5)	99	5 / 5	24.6 (5)	98	5 / 5	24.7 (5)	98	5 / 5	23.6 (5)	94	5 / 5	21.1 (5)	84	5 / 5
2-7	25.6 (5)	5 / 5	25.5 (5)	100	5 / 5	25.0 (5)	98	5 / 5	25.4 (5)	99	5 / 5	24.0 (5)	94	5 / 5	21.4 (5)	84	5 / 5

< > : 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 2-WEEK DRINKING WATER STUDY OF 2-PHENOXYETHANOL

Week on Study	Control		1600ppm			4000ppm			7000ppm			10000ppm			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>		
0-0	18.8 (5)	5 / 5	18.8 (5)	100	5 / 5	18.8 (5)	100	5 / 5	18.8 (5)	100	5 / 5	18.8 (5)	100	5 / 5	18.9 (5)	101	5 / 5
1-3	18.7 (5)	5 / 5	19.0 (4)	102	5 / 5	19.0 (5)	102	5 / 5	19.2 (5)	103	5 / 5	18.6 (5)	99	5 / 5	15.7 (5)	84	5 / 5
1-7	18.9 (5)	5 / 5	19.1 (5)	101	5 / 5	19.2 (5)	102	5 / 5	19.6 (5)	104	5 / 5	19.4 (5)	103	5 / 5	16.4 (5)	87	5 / 5
2-3	19.8 (5)	5 / 5	19.9 (4)	101	5 / 5	19.9 (5)	101	5 / 5	20.5 (5)	104	5 / 5	20.2 (5)	102	5 / 5	17.0 (5)	86	5 / 5
2-7	20.6 (5)	5 / 5	20.9 (5)	101	5 / 5	20.5 (5)	100	5 / 5	20.7 (5)	100	5 / 5	20.4 (5)	99	5 / 5	18.5 (5)	90	5 / 5

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

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

Week on Study	Control		1600ppm			4000ppm			7000ppm			10000ppm			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	4.4 (5)	5 / 5	4.8 (5)	109	5 / 5	4.3 (5)	98	5 / 5	3.9 (5)	89	5 / 5	2.7 (5)	61	5 / 5	1.0 (5)	23	5 / 5
1-7	4.0 (5)	5 / 5	4.7 (5)	117	5 / 5	4.3 (5)	108	5 / 5	4.3 (5)	108	5 / 5	3.0 (5)	75	5 / 5	2.3 (5)	58	5 / 5
2-3	4.0 (5)	5 / 5	4.5 (5)	113	5 / 5	4.7 (5)	117	5 / 5	4.1 (5)	103	5 / 5	3.0 (5)	75	5 / 5	2.3 (5)	58	5 / 5
2-7	4.1 (5)	5 / 5	4.8 (5)	117	5 / 5	4.2 (4)	102	5 / 5	4.5 (5)	110	5 / 5	3.2 (5)	78	5 / 5	2.3 (5)	56	5 / 5

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

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

Week on Study	Control		1600ppm			4000ppm			7000ppm			10000ppm			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	4.1 (5)	5 / 5	3.9 (4)	95	5 / 5	3.7 (5)	90	5 / 5	3.1 (5)	76	5 / 5	2.6 (5)	63	5 / 5	1.1 (5)	27	5 / 5
1-7	4.0 (5)	5 / 5	4.4 (5)	110	5 / 5	3.9 (5)	97	5 / 5	3.0 (5)	75	5 / 5	2.9 (5)	72	5 / 5	2.1 (5)	53	5 / 5
2-3	4.3 (5)	5 / 5	4.5 (4)	105	5 / 5	3.8 (5)	88	5 / 5	3.2 (5)	74	5 / 5	3.0 (5)	70	5 / 5	1.6 (5)	37	5 / 5
2-7	4.5 (5)	5 / 5	4.9 (5)	109	5 / 5	4.4 (5)	98	5 / 5	3.7 (5)	82	5 / 5	3.3 (5)	73	5 / 5	2.3 (4)	51	5 / 5

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

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

Week on Study	Control		1600ppm			4000ppm			7000ppm			10000ppm			25000ppm		
	Av. Wt. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>
1-3	3.9 (5)	5 / 5	3.9 (5)	100	5 / 5	3.7 (5)	95	5 / 5	3.9 (5)	100	5 / 5	3.0 (5)	77	5 / 5	2.1 (5)	54	5 / 5
1-7	4.0 (5)	5 / 5	4.1 (5)	103	5 / 5	4.0 (5)	100	5 / 5	4.1 (5)	103	5 / 5	3.8 (5)	95	5 / 5	3.0 (5)	75	5 / 5
2-3	3.7 (5)	5 / 5	3.9 (5)	105	5 / 5	3.7 (5)	100	5 / 5	3.9 (5)	105	5 / 5	3.5 (5)	95	5 / 5	3.3 (5)	89	5 / 5
2-7	4.1 (5)	5 / 5	4.1 (5)	100	5 / 5	4.1 (5)	100	5 / 5	4.1 (5)	100	58 / 5	3.8 (5)	93	5 / 5	3.4 (5)	83	5 / 5

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

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

Week on Study	Control		1600ppm			4000ppm			7000ppm			10000ppm			25000ppm		
	Av. Wt. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>	Av. Wt. <5>	% of cont. <5>	No. of Surviv. <5>
1-3	3.0 (5)	5 / 5	3.3 (4)	110	5 / 5	3.1 (5)	103	5 / 5	3.2 (5)	107	5 / 5	2.6 (5)	87	5 / 5	1.8 (5)	60	5 / 5
1-7	3.3 (5)	5 / 5	3.6 (5)	109	5 / 5	3.4 (5)	103	5 / 5	3.3 (5)	100	5 / 5	3.4 (5)	103	5 / 5	2.6 (5)	79	5 / 5
2-3	3.2 (5)	5 / 5	3.2 (4)	100	5 / 5	3.0 (5)	94	5 / 5	3.1 (5)	97	5 / 5	3.0 (5)	94	5 / 5	2.4 (5)	75	5 / 5
2-7	3.5 (5)	5 / 5	4.0 (5)	114	5 / 5	3.5 (5)	100	5 / 5	3.6 (5)	103	5 / 5	3.4 (5)	97	5 / 5	3.2 (5)	91	5 / 5

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