

酢酸イソプロピルのマウスを用いた  
吸入による2週間毒性試験報告書

試験番号：0552

# TABLES

## TABLES

TABLE 1 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES OF MALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

TABLE 2 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES OF FEMALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

TABLE 3 FOOD CONSUMPTION CHANGES OF MALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

TABLE 4 FOOD CONSUMPTION CHANGES OF FEMALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

TABLE 5 ORGAN WEIGHTS OF MALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

TABLE 6 ORGAN WEIGHTS OF FEMALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

TABLE 1 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES OF MALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

Week-Day on Study	Control		500 ppm			1000 ppm			2000 ppm			4000 ppm			8000 ppm		
	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	23.3 (5)	5/5	23.1 (5)	99	5/5	23.1 (5)	99	5/5	23.2 (5)	100	5/5	23.2 (5)	100	5/5	23.2 (5)	100	5/5
1-2	23.2 (5)	5/5	23.4 (5)	101	5/5	22.7 (5)	98	5/5	23.3 (5)	100	5/5	22.7 (5)	98	5/5	21.2 (5)	91	5/5
1-4	23.8 (5)	5/5	23.6 (5)	99	5/5	23.3 (5)	98	5/5	23.5 (5)	99	5/5	23.6 (5)	99	5/5	20.2 (4)	85	4/5
1-7	24.5 (5)	5/5	24.1 (5)	98	5/5	24.5 (5)	100	5/5	24.3 (5)	99	5/5	24.2 (5)	99	5/5	- (-)	-	0/5
2-3	24.6 (5)	5/5	24.5 (5)	100	5/5	24.9 (5)	101	5/5	24.7 (5)	100	5/5	24.9 (5)	101	5/5	- (-)	-	0/5
2-7	25.3 (5)	5/5	24.5 (5)	97	5/5	25.5 (5)	101	5/5	25.0 (5)	99	5/5	26.0 (5)	103	5/5	- (-)	-	0/5

< > : No.of effective animals, ( ) : No.of measured animals      Av.Wt. : Average body weight (Unit : g).

TABLE 2 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES OF FEMALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

Week-Day on Study	Control		500 ppm			1000 ppm			2000 ppm			4000 ppm			8000 ppm		
	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	19.0 (5)	5/5	19.0 (5)	100	5/5	18.9 (5)	99	5/5	18.9 (5)	99	5/5	19.0 (5)	100	5/5	18.9 (5)	99	5/5
1-2	19.2 (5)	5/5	19.0 (5)	99	5/5	18.8 (5)	98	5/5	19.5 (5)	102	5/5	17.7 (5)	92	5/5	18.6 (2)	97	2/5
1-4	19.7 (5)	5/5	19.2 (5)	97	5/5	19.4 (5)	98	5/5	19.7 (5)	100	5/5	19.0 (5)	96	5/5	- (-)	-	0/5
1-7	19.9 (5)	5/5	19.8 (5)	99	5/5	19.9 (5)	100	5/5	20.0 (5)	101	5/5	19.4 (5)	97	5/5	- (-)	-	0/5
2-3	20.8 (5)	5/5	20.5 (5)	99	5/5	20.4 (5)	98	5/5	20.9 (5)	100	5/5	20.0 (5)	96	5/5	- (-)	-	0/5
2-7	21.2 (5)	5/5	20.8 (5)	98	5/5	21.1 (5)	100	5/5	21.3 (5)	100	5/5	20.7 (5)	98	5/5	- (-)	-	0/5

< > : No.of effective animals, ( ) : No.of measured animals      Av.Wt. : Average body weight (Unit : g).

TABLE 3 FOOD CONSUMPTION CHANGES OF MALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

Week-Day on Study	Control		500 ppm			1000 ppm			2000 ppm			4000 ppm			8000 ppm		
	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.
	< 5>		< 5>			< 5>			< 5>			< 5>			< 5>		
1-7	4.3 ( 5)	5/ 5	4.1 ( 5)	95	5/ 5	4.3 ( 5)	100	5/ 5	4.2 ( 5)	98	5/ 5	3.9 ( 5)	91	5/ 5	- ( -)	-	0/ 5
2-7	4.1 ( 5)	5/ 5	4.1 ( 5)	100	5/ 5	4.4 ( 5)	107	5/ 5	4.3 ( 5)	105	5/ 5	4.5 ( 5)	110	5/ 5	- ( -)	-	0/ 5

< > : No.of effective animals, ( ) : No.of measured animals      Av.FC. : Average food consumption (Unit : g).

TABLE 4 FOOD CONSUMPTION CHANGES OF FEMALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

Week-Day on Study	Control		500 ppm			1000 ppm			2000 ppm			4000 ppm			8000 ppm		
	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.
	< 5>		< 5>			< 5>			< 5>			< 5>			< 5>		
1-7	3.7 ( 5)	5/ 5	3.7 ( 5)	100	5/ 5	3.7 ( 5)	100	5/ 5	3.8 ( 5)	103	5/ 5	3.4 ( 5)	92	5/ 5	- ( -)	-	0/ 5
2-7	3.8 ( 5)	5/ 5	3.6 ( 5)	95	5/ 5	3.6 ( 5)	95	5/ 5	3.9 ( 5)	103	5/ 5	3.6 ( 5)	95	5/ 5	- ( -)	-	0/ 5

< > : No.of effective animals, ( ) : No.of measured animals      Av.FC. : Average food consumption (Unit : g).

TABLE 5 ORGAN WEIGHTS OF MALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

Group Name	Control	500 ppm	1000 ppm	2000 ppm	4000 ppm	8000 ppm
No. of examined animals	5	5	5	5	5	0
Body weight (g)	21.5 ± 0.3	20.9 ± 1.1	21.6 ± 0.6	21.4 ± 0.8	22.3 ± 0.4	—
Liver (g)	0.919 ± 0.039	0.934 ± 0.077	0.953 ± 0.042	0.960 ± 0.037	1.045 ± 0.035 **	—
Liver (%)	4.276 ± 0.168	4.477 ± 0.287	4.404 ± 0.174	4.490 ± 0.098	4.689 ± 0.138 **	—

Mean ± S.D.  
<sup>\*)</sup> Significant difference, p<0.05 (Test of Dunnett)  
<sup>\*\*)</sup> Significant difference, p<0.01 (Test of Dunnett)

TABLE 6 ORGAN WEIGHTS OF FEMALE MICE IN THE 2-WEEK INHALATION STUDY OF ISOPROPYL ACETATE

Group Name	Control	500 ppm	1000 ppm	2000 ppm	4000 ppm	8000 ppm
No. of examined animals	5	5	5	5	5	0
Body weight (g)	17.4 ± 0.6	17.2 ± 0.6	17.6 ± 1.3	17.8 ± 0.6	17.8 ± 0.9	—
Thymus (g)	0.060 ± 0.005	0.057 ± 0.009	0.061 ± 0.004	0.062 ± 0.008	0.044 ± 0.010 **	—
Thymus (%)	0.346 ± 0.024	0.333 ± 0.042	0.349 ± 0.021	0.349 ± 0.038	0.247 ± 0.046 **	—
Liver (g)	0.763 ± 0.030	0.761 ± 0.051	0.765 ± 0.048	0.811 ± 0.013	0.863 ± 0.084	—
Liver (%)	4.376 ± 0.092	4.421 ± 0.149	4.354 ± 0.086	4.548 ± 0.166	4.851 ± 0.253 **	—

Mean ± S.D.  
<sup>\*)</sup> Significant difference, p<0.05 (Test of Dunnett)  
<sup>\*\*)</sup> Significant difference, p<0.01 (Test of Dunnett)