イソキサチオンのラットを用いた
吸入による28日間毒性試験報告書

試験番号：0752

TABLES

TABLES

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TABLE A

CONCENTRATIONS OF ISOXATHION IN THE INHALATION CHAMBER OF THE 28-DAY INHALATION STUDY

CONCENTRATIONS OF ISOXATHION IN THE INHALATION CHAMBER OF THE 28-DAY INHALATION STUDY

		Weight Measurement by Balance				Analysis by LC			
Group Name		Control	1 mg/m^3	3 mg/m^3	10 mg/m^3	Control	1 mg/m^3	3 mg/m^3	10 mg/m^3
2009/10/21	1	0.0	1.1	3.1	10.5	0.0	1.0	2.9	10.0
	2	0.0	1.1	3.0	9.8	0.0	1.0	3.0	9.6
	3	0.0	1.0	3.1	10.2	0.0	1.0	3.0	9.9
2009/10/22	1	0.0	1.0	3.0	10.5				
	2	0.0	1.0	3.0	10.6				
	3	0.0	1.0	3.0	10.4				
2009/10/23	1	0.0	1.0	2.9	10.2				
	2	0.0	1.1	3.1	9.6				
	3	0.0	0.9	2.9	9.8				
2009/10/26	1	0.0	1.0	3.2	10.4				
	2	0.0	1.1	3.0	9.8				
	3	0.0	1.1	3.1	10.1				
2009/10/27	1	0.0	1.0	3.1	9.8				
	2	0.0	1.0	3.1	10.0				
	3	0.0	1.1	3.1	9.9				
2009/10/28	1	0.0	1.1	3.0	10.7	0.0	0.9	3.1	10.4
	2	0.0	1.0	3.0	10.8	0.0	1.0	3.0	11.0
	3	0.0	0.9	3.0	10.4	0.0	1.0	3.0	10.4
2009/10/29	1	0.0	0.9	3.1	9.9				
	2	0.0	1.0	3.0	10.1				
	3	0.0	1.0	3.1	9.8				
2009/10/30	1	0.0	1.0	3.1	9.8				
	2	0.0	1.0	3.0	9.7				
	3	0.0	0.9	3.0	9.8				
2009/11/2	1	0.0	1.0	3.0	10.5				
	2	0.0	1.0	3.0	9.6				
	3	0.0	1.0	3.1	9.8				
2009/11/3	1	0.0	1.0	3.0	9.6				
	2	0.0	1.0	2.9	10.0				
	3	0.0	1.0	3.0	9.8				
2009/11/4	1	0.0	1.0	3.0	10.3	0.0	1.0	3.1	10.4
	2	0.0	0.9	2.9	9.8	0.0	1.0	3.2	10.5
	3	0.0	1.0	3.0	9.8	0.0	0.9	3.1	10.6
2009/11/5	1	0.0	1.0	3.1	9.9				
	2	0.0	1.0	3.1	10.5				
	3	0.0	1.0	3.0	9.8				
2009/11/6	1	0.0	1.0	2.9	10.3				
	2	0.0	1.0	3.0	9.9				
	3	0.0	1.0	3.0	9.9				
2009/11/9	1	0.0	1.1	3.0	10.4				
	2	0.0	1.0	3.1	10.3				
	3	0.0	1.0	3.0	10.1				
2009/11/10	1	0.0	1.1	3.1	10.2				
	2	0.0	0.9	3.1	10.1				
	3	0.0	1.0	3.0	9.9				
2009/11/11	1	0.0	1.0	2.9	10.1	0.0	1.1	3.3	11.0
	2	0.0	1.0	3.1	10.2	0.0	1.0	3.2	11.8
	3	0.0	1.0	3.0	10.0	0.0	1.0	3.4	10.7
2009/11/12	1	0.0	0.9	2.9	9.9				
	2	0.0	1.0	2.9	9.9				
	3	0.0	1.0	3.1	9.8				
2009/11/13	1	0.0	1.0	3.0	10.1				
	2	0.0	1.0	3.0	10.2				
	3	0.0	1.0	3.0	10.0				
2009/11/16	1	0.0	1.0	3.1	10.2				
	2	0.0	1.0	3.1	10.0				
	3	0.0	1.0	3.1	10.0				
2009/11/17	1	0.0	1.0	3.0	9.8				
	2	0.0	1.0	3.0	10.0				
	3	0.0	1.1	3.0	10.1				
Mean		0.0	1.0	3.0	10.1	0.0	1.0	3.1	10.5
S.D.		0.0	0.1	0.1	0.3	0.0	0.1	0.1	0.6

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1 4
SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks) 0	1	2	3	4
Control	10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0
1mg/m3	10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0
3mg/m3	10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0
10mg/m3	10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0

Number of survival/ Number of effective animals
Survival rate(%)

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1 4
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks) 0	1	2	3	4
Control	10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0
1mg/m3	10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0
3mg/m3	10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0
10mg/m3	10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0

Number of survival/ Number of effective animals
Survival rate(%)

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1 4

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Administration Week-day 1-7	2-7	3-7	4-7
NON REMARKABLE	Control	10	10	10	10
	1mg/m3	10	10	10	10
	3mg/m3	10	10	10	10
	10mg/m3	10	10	10	10

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1 4

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Administration Week-day 1-7	2-7	3-7	4-7
NON REMARKABLE	Control	10	10	10	10
	1mg/m3	10	10	10	10
	3mg/m3	10	10	10	10
	10mg/m3	10	10	10	10

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
UNIT : g
REPORT TYPE : A1 4
SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control Av. Wt.	Control No. of Surviv. <10>	1mg/m3 Av. Wt.	1mg/m3 % of cont. <10>	1mg/m3 No. of Surviv.	3mg/m3 Av. Wt.	3mg/m3 % of cont. <10>	3mg/m3 No. of Surviv.	10mg/m3 Av. Wt.	10mg/m3 % of cont. <10>	10mg/m3 No. of Surviv.
0-0	305 (10)	10/10	305 (10)	100	10/10	305 (10)	100	10/10	305 (10)	100	10/10
1-7	351 (10)	10/10	342 (10)	97	10/10	352 (10)	100	10/10	349 (10)	99	10/10
2-7	387 (10)	10/10	374 (10)	97	10/10	389 (10)	101	10/10	385 (10)	99	10/10
3-7	423 (10)	10/10	404 (10)	96	10/10	418 (10)	99	10/10	416 (10)	98	10/10
4-7	450 (10)	10/10	426 (10)	95	10/10	442 (10)	98	10/10	440 (10)	98	10/10

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

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
UNIT : g
REPORT TYPE : A1 4
SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control Av. Wt.	Control No. of Surviv. <10>	1mg/m3 Av. Wt.	1mg/m3 % of cont. <10>	1mg/m3 No. of Surviv.	3mg/m3 Av. Wt.	3mg/m3 % of cont. <10>	3mg/m3 No. of Surviv.	10mg/m3 Av. Wt.	10mg/m3 % of cont. <10>	10mg/m3 No. of Surviv.
0-0	215 (10)	10/10	215 (10)	100	10/10	215 (10)	100	10/10	215 (10)	100	10/10
1-7	237 (10)	10/10	236 (10)	100	10/10	238 (10)	100	10/10	237 (10)	100	10/10
2-7	254 (10)	10/10	248 (10)	98	10/10	253 (10)	100	10/10	246 (10)	97	10/10
3-7	266 (10)	10/10	263 (10)	99	10/10	266 (10)	100	10/10	258 (10)	97	10/10
4-7	274 (10)	10/10	275 (10)	100	10/10	278 (10)	101	10/10	266 (10)	97	10/10

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

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
UNIT : g
REPORT TYPE : A1 4
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 0-0	1-7	2-7	3-7	4-7
Control	305± 10	351± 15	387± 15	423± 17	450± 19
1mg/m3	305± 10	342± 14	374± 20	404± 22	426± 22
3mg/m3	305± 10	352± 16	389± 18	418± 24	442± 28
10mg/m3	305± 10	349± 12	385± 17	416± 20	440± 20

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
UNIT : g
REPORT TYPE : A1 4
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 0-0	1-7	2-7	3-7	4-7
Control	215± 8	237± 14	254± 16	266± 17	274± 19
1mg/m3	215± 9	236± 15	248± 14	263± 18	275± 17
3mg/m3	215± 9	238± 11	253± 12	266± 11	278± 15
10mg/m3	215± 9	237± 13	246± 16	258± 17	266± 18

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE E1

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
UNIT : g
REPORT TYPE : A1 4
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day(effective) 1-7(7)	2-7(7)	3-7(7)	4-7(7)
Control	26.9± 2.3	26.4± 1.7	26.5± 1.7	26.6± 2.0
1mg/m3	24.9± 1.9	24.9± 2.4	25.0± 1.7	25.1± 1.8
3mg/m3	26.4± 2.1	26.2± 1.9	25.7± 2.4	26.0± 3.0
10mg/m3	26.7± 1.9	26.5± 1.5	26.1± 1.8	26.1± 1.4

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE E2

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
UNIT : g
REPORT TYPE : A1 4
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day(effective) 1-7(7)	2-7(7)	3-7(7)	4-7(7)
Control	18.6± 1.5	18.7± 1.9	18.7± 1.7	18.2± 1.9
1mg/m3	18.7± 1.6	18.3± 3.0	19.2± 2.3	18.7± 1.8
3mg/m3	18.7± 1.8	19.1± 2.6	19.7± 1.4	18.8± 2.8
10mg/m3	18.4± 2.0	17.1± 1.8	18.5± 1.8	16.9± 1.3

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	RED BLOOD CELL $10^6/\mu\ell$	HEMOGLOBIN g/dℓ	HEMATOCRIT %	MCV f ℓ	MCH p g	MCHC g/dℓ	PLATELET $10^3/\mu\ell$
Control	10	8.41± 0.26	15.6± 0.5	45.0± 1.4	53.6± 1.4	18.6± 0.5	34.8± 0.3	1170± 130
1mg/m3	10	8.62± 0.42	15.8± 0.5	45.7± 1.6	53.1± 1.6	18.4± 0.6	34.7± 0.4	1216± 97
3mg/m3	10	8.55± 0.34	15.6± 0.5	45.3± 1.3	53.0± 1.3	18.3± 0.6	34.5± 0.6	1246± 126
10mg/m3	10	8.60± 0.34	15.8± 0.5	45.7± 1.4	53.2± 1.9	18.3± 0.7	34.5± 0.5	1162± 110

Significant difference ; * : $P \leqq 0.05$ ** : $P \leqq 0.01$ Test of Dunnett

(HCL070)

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	RETICULOCYTE %
Control	10	2.1± 0.2
1mg/m3	10	2.0± 0.3
3mg/m3	10	2.0± 0.3
10mg/m3	10	1.9± 0.3

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$		Differential WBC (%) NEUTRO		LYMPHO		MONO		EOSINO		BASO		OTHER	
Control	10	10.73±	3.20	16±	5	79±	5	3±	1	1±	0	0±	0	1±	0
1mg/m3	10	11.26±	2.12	18±	5	77±	6	3±	1	1±	0	0±	0	1±	0
3mg/m3	10	12.86±	4.17	15±	5	80±	5	2±	1	1±	1	0±	0	1±	0
10mg/m3	10	12.24±	4.40	18±	6	77±	6	2±	0	2±	1	0±	0	1±	1

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	RED BLOOD CELL $10^6/\mu\ell$	HEMOGLOBIN g/dℓ	HEMATOCRIT %	MCV f ℓ	MCH p g	MCHC g/dℓ	PLATELET $10^3/\mu\ell$
Control	10	8.11± 0.50	15.1± 0.7	42.9± 1.9	53.0± 2.1	18.6± 0.7	35.2± 0.4	1392± 91
1mg/m3	10	8.12± 0.31	15.2± 0.6	43.4± 1.7	53.4± 1.0	18.8± 0.5	35.1± 0.6	1360± 102
3mg/m3	10	8.02± 0.38	15.3± 0.6	43.1± 1.9	53.7± 1.6	19.1± 0.5	35.5± 0.4	1328± 132
10mg/m3	10	8.14± 0.39	15.3± 0.6	43.2± 1.7	53.1± 1.2	18.8± 0.6	35.5± 0.4	1298± 145

Significant difference : * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	RETICULOCYTE %
Control	10	2.3± 0.5
1mg/m3	10	2.2± 0.4
3mg/m3	10	2.3± 0.7
10mg/m3	10	1.9± 0.5

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$	Differential WBC (%) NEUTRO	LYMPHO	MONO	EOSINO	BASO	OTHER
Control	10	6.69± 2.50	21± 8	74± 8	3± 1	2± 1	0± 0	1± 0
1mg/m3	10	9.11± 3.78	16± 7	79± 7	3± 1	1± 0	0± 0	1± 0
3mg/m3	10	8.83± 5.37	16± 7	79± 6	2± 0	2± 1	0± 0	1± 0
10mg/m3	10	8.26± 2.46	17± 6	78± 6	3± 1	2± 1	0± 0	1± 0

Significant difference : * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	TOTAL PROTEIN g/dℓ	ALBUMIN g/dℓ	A/G RATIO	T-BILIRUBIN mg/dℓ	GLUCOSE mg/dℓ	T-CHOLESTEROL mg/dℓ	TRIGLYCERIDE mg/dℓ
Control	10	6.1± 0.4	3.5± 0.2	1.3± 0.1	0.11± 0.01	161± 9	57± 9	34± 10
1mg/m3	10	6.2± 0.2	3.5± 0.1	1.3± 0.1	0.12± 0.01	161± 11	55± 8	30± 11
3mg/m3	10	6.0± 0.2	3.5± 0.1	1.4± 0.1	0.11± 0.01	168± 13	55± 9	32± 13
10mg/m3	10	6.2± 0.3	3.5± 0.2	1.3± 0.1	0.12± 0.01	159± 12	55± 11	34± 17

Significant difference : * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	PHOSPHOLIPID mg/dℓ	AST IU/ℓ	ALT IU/ℓ	LDH IU/ℓ	ALP IU/ℓ	G-GTP IU/ℓ	CK IU/ℓ
Control	10	94± 11	63± 6	25± 3	120± 29	466± 79	1± 1	131± 21
1mg/m3	10	92± 12	68± 7	29± 5	116± 35	581± 112	1± 1	139± 19
3mg/m3	10	90± 12	68± 6	26± 3	100± 33	522± 92	2± 1	127± 25
10mg/m3	10	94± 17	70± 6	26± 5	109± 39	534± 78	1± 1	133± 30

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	UREA NITROGEN mg/dl	CREATININE mg/dl	SODIUM mEq/l	POTASSIUM mEq/l	CHLORIDE mEq/l	CALCIUM mg/dl	INORGANIC PHOSPHORUS mg/dl
Control	10	13.3± 1.9	0.5± 0.0	143± 1	3.7± 0.2	107± 1	10.2± 0.3	7.3± 0.8
1mg/m3	10	13.4± 1.5	0.5± 0.0	143± 1	3.6± 0.2	106± 1	10.2± 0.2	7.2± 0.6
3mg/m3	10	13.2± 1.2	0.5± 0.1	143± 1	3.7± 0.2	107± 1	10.1± 0.3	7.2± 0.7
10mg/m3	10	13.2± 1.3	0.5± 0.1	143± 1	3.5± 0.2	106± 1	10.2± 0.2	7.2± 0.8

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	TOTAL PROTEIN g/dℓ	ALBUMIN g/dℓ	A/G RATIO	T-BILIRUBIN mg/dℓ	GLUCOSE mg/dℓ	T-CHOLESTEROL mg/dℓ	TRIGLYCERIDE mg/dℓ
Control	10	6.7± 0.3	4.1± 0.1	1.6± 0.2	0.14± 0.02	153± 22	68± 10	18± 8
1mg/m3	10	6.7± 0.2	3.9± 0.1	1.4± 0.1	0.13± 0.01	158± 14	69± 14	16± 7
3mg/m3	10	6.5± 0.3	3.9± 0.2	1.5± 0.2	0.13± 0.01	150± 14	67± 14	16± 9
10mg/m3	10	6.7± 0.4	4.0± 0.3	1.5± 0.2	0.13± 0.01	142± 23	65± 15	13± 5

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	PHOSPHOLIPID mg/dℓ	AST IU/ℓ	ALT IU/ℓ	LDH IU/ℓ	ALP IU/ℓ	G-GTP IU/ℓ	CK IU/ℓ
Control	10	130± 17	62± 13	21± 4	111± 44	263± 105	2± 1	94± 24
1mg/m3	10	129± 26	69± 16	32± 16	108± 56	323± 74	1± 0	113± 38
3mg/m3	10	125± 25	58± 4	21± 4	102± 28	287± 64	2± 1	101± 16
10mg/m3	10	120± 22	58± 6	21± 6	104± 51	260± 53	1± 1	93± 22

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	UREA NITROGEN mg/dℓ	CREATININE mg/dℓ	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHORUS mg/dℓ
Control	10	14.8± 2.3	0.6± 0.1	141± 2	3.3± 0.2	107± 2	10.3± 0.3	5.2± 1.7
1mg/m3	10	15.0± 1.7	0.6± 0.1	141± 1	3.5± 0.5	107± 2	10.2± 0.3	5.7± 1.4
3mg/m3	10	15.0± 3.0	0.6± 0.1	141± 1	3.4± 0.3	107± 2	10.2± 0.3	5.8± 1.2
10mg/m3	10	16.1± 1.9	0.6± 0.1	141± 1	3.8± 0.4*	107± 1	10.3± 0.3	5.7± 1.3

Significant difference : * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE H1

BIOCHEMISTRY

(ACETYLCHOLINEESTERASE ACTIVITY)

: MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	CHE(BRAIN) IU／ℓ		CHE(ERYTHROCYTE) IU／ℓ		CHE(PLASMA) IU／ℓ	
Control	10	2268±	156	2106±	235	470±	43
1mg/m3	10	2162±	240	1754±	321	395±	89
3mg/m3	10	2227±	95	1745±	370	415±	84
10mg/m3	10	2199±	153	871±	400**	265±	58**

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE H2

BIOCHEMISTRY

(ACETYLCHOLINEESTERASE ACTIVITY)

: FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (5W)

Group Name	NO. of Animals	CHE(BRAIN) IU/ℓ		CHE(ERYTHROCYTE) IU/ℓ		CHE(PLASMA) IU/ℓ	
Control	10	2136±	190	2392±	501	2501±	522
1mg/m3	10	2233±	114	2219±	500	2284±	554
3mg/m3	10	2131±	212	1898±	424	1908±	301**
10mg/m3	10	2216±	124	1299±	484**	867±	212**

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE I1

LYMPHOCYTE–SUBSET TEST: MALE

LYMPHOCYTE - SUBSET TEST

Flow cytometric analysis - Group mean values of peripheral blood lymphocyte in male rats

Dose (mg/m^3)	Number of animals examined		Peripheral blood lymphocyte (10^3 cells/μL) Pan-T cell (CD3+)	Helper-T cell (CD4+)	Cytotoxic-T cell (CD8+)	Th/Tc ratio
0	10	Mean	3.53	2.21	1.16	2.08
		S.D.	1.14	0.59	0.50	0.67
1	10	Mean	3.51	2.20	1.19	1.86
		S.D.	0.63	0.43	0.22	0.24
3	10	Mean	3.98	2.56	1.28	2.09
		S.D.	1.59	1.02	0.54	0.39
10	10	Mean	3.80	2.46	1.21	2.20
		S.D.	1.23	0.70	0.49	0.59

Th/Tc ratio: Helper-T cell/Cytotoxic-T cell ratio.

S.D.: Standard deviation.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

Significantly different from control: *, $p \leq 0.05$; **, $p \leq 0.01$.

LYMPHOCYTE - SUBSET TEST

Flow cytometric analysis - Group mean values of thymic lymphocyte in male rats

Dose (mg/m^3)	Number of animals examined		Thymic lymphocyte (10^7cells/rat) Immature cells DN cell (CD4-CD8-)	DP cell (CD4+CD8+)	Mature cells Helper-T cell (CD4+CD8-)	Cytotoxic-T cell (CD4-CD8+)
0	5	Mean	1.3	61.6	6.3	2.7
		S.D.	0.1	12.5	1.3	0.6
1	5	Mean	1.9	73.1	7.5	3.7
		S.D.	0.6	27.2	1.7	1.1
3	5	Mean	2.4 *	81.7	6.9	3.3
		S.D.	0.6	22.4	1.2	0.3
10	5	Mean	2.2	75.7	7.8	3.3
		S.D.	0.5	11.5	3.0	1.3

S.D.: Standard deviation.

Immature cells: DN; Double negative, DP; Double positive.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

Significantly different from control: *, $p \leq 0.05$; **, $p \leq 0.01$.

LYMPHOCYTE - SUBSET TEST

Flow cytometric analysis - Group mean values of splenic lymphocyte in male rats

Dose (mg/m^3)	Number of animals examined		Splenic lymphocyte (10^7cells/rat) Pan-T cell (CD3+)	Helper-T cell (CD4+CD8-)	Cytotoxic-T cell (CD4-CD8+)
0	5	Mean	27.1	8.1	5.5
		S.D.	8.0	2.5	2.2
1	5	Mean	21.5	6.5	3.9
		S.D.	3.9	1.7	1.0
3	5	Mean	29.6	8.6	5.0
		S.D.	7.4	1.9	0.9
10	5	Mean	27.6	8.7	5.0
		S.D.	9.1	2.2	1.6

S.D.: Standard deviation.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

Significantly different from control: *, $p \leq 0.05$; **, $p \leq 0.01$.

TABLE I2

LYMPHOCYTE–SUBSET TEST: FEMALE

LYMPHOCYTE - SUBSET TEST

Flow cytometric analysis - Group mean values of peripheral blood lymphocyte in female rats

Dose (mg/m^3)	Number of animals examined		Peripheral blood lymphocyte (10^3 cells/μL) Pan-T cell (CD3+)	Helper-T cell (CD4+)	Cytotoxic-T cell (CD8+)	Th/Tc ratio
0	10	Mean	2.72	1.81	0.84	2.32
		S.D.	1.29	0.83	0.46	0.58
1	10	Mean	3.35	2.23	1.02	2.68
		S.D.	1.42	0.89	0.53	1.66
3	10	Mean	3.13	2.02	1.02	1.94
		S.D.	1.48	1.06	0.42	0.48
10	10	Mean	3.34	2.21	1.05	2.16
		S.D.	1.03	0.72	0.34	0.47

Th/Tc ratio: Helper-T cell/Cytotoxic-T cell ratio.

S.D.: Standard deviation.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

Significantly different from control: *, $p \leq 0.05$; **, $p \leq 0.01$.

LYMPHOCYTE - SUBSET TEST

Flow cytometric analysis - Group mean values of thymic lymphocyte in female rats

Dose (mg/m^3)	Number of animals examined		Thymic lymphocyte (10^7cells/rat)			
			Immature cells		Mature cells	
			DN cell (CD4-CD8-)	DP cell (CD4+CD8+)	Helper-T cell (CD4+CD8-)	Cytotoxic-T cell (CD4-CD8+)
0	5	Mean	1.9	53.0	6.5	2.9
		S.D.	0.4	12.2	2.0	0.9
1	5	Mean	2.4	64.3	7.1	3.3
		S.D.	0.9	21.9	2.3	1.3
3	5	Mean	2.5	63.6	5.7	2.9
		S.D.	1.0	11.7	0.8	0.6
10	5	Mean	2.8	70.5	7.0	3.3
		S.D.	0.8	15.7	1.2	0.9

S.D.: Standard deviation.

Immature cells: DN; Double negative, DP; Double positive.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

Significantly different from control: *, $p \leq 0.05$; **, $p \leq 0.01$.

LYMPHOCYTE - SUBSET TEST

Flow cytometric analysis - Group mean values of splenic lymphocyte in female rats

Dose (mg/m^3)	Number of animals examined		Splenic lymphocyte (10^7cells/rat) Pan-T cell (CD3+)	Helper-T cell (CD4+CD8-)	Cytotoxic-T cell (CD4-CD8+)
0	5	Mean	18.4	5.7	3.6
		S.D.	13.3	3.9	3.2
1	5	Mean	21.4	6.2	4.3
		S.D.	9.2	2.9	1.9
3	5	Mean	16.2	4.2	3.5
		S.D.	3.6	0.7	0.7
10	5	Mean	21.3	6.1	4.7
		S.D.	10.8	3.2	2.8

S.D.: Standard deviation.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

Significantly different from control: *, $p \leq 0.05$; **, $p \leq 0.01$.

TABLE J

GROSS FINDINGS : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 5W)

Organ	Findings	Group Name / NO. of Animals	Control 10 (%)	1mg/m3 10 (%)	3mg/m3 10 (%)	10mg/m3 10 (%)
liver	herniation		1 (10)	0 (0)	0 (0)	0 (0)

TABLE K1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (5W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	10	418± 18	0.446± 0.100	0.078± 0.015	2.905± 0.531	1.414± 0.165	1.339± 0.077
1mg/m3	10	395± 19	0.417± 0.082	0.072± 0.007	3.134± 0.274	1.361± 0.107	1.315± 0.091
3mg/m3	10	412± 27	0.454± 0.088	0.074± 0.007	3.185± 0.301	1.381± 0.113	1.328± 0.087
10mg/m3	10	407± 22	0.489± 0.113	0.071± 0.011	3.065± 0.255	1.401± 0.096	1.355± 0.042

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (5W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	2.883± 0.243	0.704± 0.097	11.157± 1.252	1.980± 0.079
1mg/m3	10	2.713± 0.216	0.657± 0.083	10.589± 0.582	1.962± 0.076
3mg/m3	10	2.866± 0.267	0.726± 0.089	10.994± 0.903	1.990± 0.067
10mg/m3	10	2.904± 0.232	0.691± 0.080	11.266± 0.900	1.975± 0.068

Significant difference : * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE K2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (5W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	10	253± 18	0.374± 0.070	0.082± 0.010	0.140± 0.025	0.880± 0.057	1.039± 0.095
1mg/m3	10	251± 14	0.390± 0.087	0.083± 0.005	0.137± 0.019	0.905± 0.064	1.072± 0.089
3mg/m3	10	254± 12	0.419± 0.067	0.079± 0.013	0.145± 0.019	0.919± 0.075	1.078± 0.061
10mg/m3	10	247± 18	0.418± 0.048	0.077± 0.009	0.130± 0.036	0.918± 0.054	1.030± 0.046

Significant difference : * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (5W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	1.727± 0.126	0.478± 0.070	6.877± 0.530	1.867± 0.067
1mg/m3	10	1.792± 0.149	0.509± 0.084	6.934± 0.639	1.861± 0.054
3mg/m3	10	1.808± 0.163	0.480± 0.065	6.847± 0.498	1.851± 0.099
10mg/m3	10	1.804± 0.126	0.471± 0.068	6.635± 0.674	1.894± 0.090

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE L1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (5W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	10	418± 18	0.107± 0.023	0.019± 0.004	0.695± 0.127	0.338± 0.030	0.321± 0.013
1mg/m3	10	395± 19	0.105± 0.017	0.018± 0.002	0.794± 0.069	0.344± 0.021	0.333± 0.024
3mg/m3	10	412± 27	0.110± 0.017	0.018± 0.002	0.779± 0.108	0.336± 0.024	0.323± 0.021
10mg/m3	10	407± 22	0.120± 0.029	0.017± 0.002	0.755± 0.076	0.345± 0.026	0.334± 0.018

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

(HCL042)

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (5W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	0.690± 0.045	0.168± 0.020	2.665± 0.203	0.474± 0.020
1mg/m3	10	0.687± 0.056	0.166± 0.020	2.682± 0.135	0.498± 0.038
3mg/m3	10	0.698± 0.077	0.176± 0.019	2.668± 0.087	0.484± 0.025
10mg/m3	10	0.714± 0.048	0.170± 0.017	2.766± 0.118	0.486± 0.028

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE L2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (5W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	10	253± 18	0.148± 0.028	0.033± 0.003	0.056± 0.012	0.349± 0.022	0.412± 0.042
1mg/m3	10	251± 14	0.155± 0.032	0.033± 0.003	0.054± 0.007	0.361± 0.027	0.427± 0.028
3mg/m3	10	254± 12	0.165± 0.024	0.031± 0.004	0.057± 0.007	0.363± 0.023	0.426± 0.034
10mg/m3	10	247± 18	0.170± 0.021	0.032± 0.004	0.053± 0.015	0.374± 0.032	0.419± 0.030

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (5W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	0.686± 0.062	0.189± 0.026	2.721± 0.113	0.741± 0.054
1mg/m3	10	0.713± 0.049	0.202± 0.024	2.755± 0.146	0.742± 0.045
3mg/m3	10	0.713± 0.062	0.189± 0.026	2.702± 0.174	0.731± 0.049
10mg/m3	10	0.733± 0.055	0.191± 0.022	2.687± 0.192	0.769± 0.040

Significant difference : * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE M1

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : MALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 5W)

Organ	Findings	Group Name / No. of Animals on Study / Grade	Control 10 1 (%)	2 (%)	3 (%)	4 (%)	1mg/m3 10 1 (%)	2 (%)	3 (%)	4 (%)	3mg/m3 10 1 (%)	2 (%)	3 (%)	4 (%)	10mg/m3 10 1 (%)	2 (%)	3 (%)	4 (%)
{Respiratory system}																		
larynx			<10>				<10>				<10>				<10>			
	inflammatory infiltration		0 (0)	0 (0)	0 (0)	0 (0)	1 (10)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
lung			<10>				<10>				<10>				<10>			
	accumulation of foamy cells		0 (0)	0 (0)	0 (0)	0 (0)	1 (10)	0 (0)	0 (0)	0 (0)	1 (10)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
{Urinary system}																		
kidney			<10>				<10>				<10>				<10>			
	retention cyst		1 (10)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
{Reproductive system}																		
testis			<10>				<10>				<10>				<10>			
	atrophy		1 (10)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (10)	0 (0)	0 (0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square

TABLE M2

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : FEMALE

STUDY NO. : 0752
ANIMAL : RAT Crl:CD(SD)[Crj:CD(SD)IGS]
REPORT TYPE : A1
SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 5W)

Organ	Findings	Group Name / No. of Animals on Study / Grade	Control 10				1mg/m3 10				3mg/m3 10				10mg/m3 10			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			<10>				<10>				<10>				<10>			
	herniation		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Endocrine system}																		
thyroid			<10>				<10>				<10>				<10>			
	ultimobranchial body remanet		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square

TABLE N

ISOXATHION AND HYDROXY ISOXAZOLE CONCENTRATIONS IN PLASMA OF RATS

Isoxathion and Hydroxy isoxazole concentration in plasma of rats

Group Name	Sex	Animal Number	Isoxathion (ng/mL)	Hydroxy isoxazole (ng/mL)
Control	Male	1001	- 1)	- 2)
		1002	-	-
		1003	-	-
		1004	-	-
		1005	-	-
	Female	2001	-	-
		2002	-	-
		2003	-	-
		2004	-	-
		2005	-	-
1 mg/m^3	Male	1101	-	-
		1102	-	-
		1103	-	-
		1104	-	-
		1105	-	-
	Female	2101	-	-
		2102	-	-
		2103	-	-
		2104	-	-
		2105	-	-
3 mg/m^3	Male	1201	-	-
		1202	-	-
		1203	-	-
		1204	-	-
		1205	-	-
	Female	2201	-	-
		2202	-	-
		2203	-	-
		2204	-	-
		2205	-	-
10 mg/m^3	Male	1301	5.61	-
		1302	3.92	-
		1303	3.96	-
		1304	4.06	-
		1305	4.18	-
	Female	2301	5.58	-
		2302	4.03	-
		2303	3.61	-
		2304	4.46	-
		2305	5.85	-

1) : Below limit of quantification. Limit of quantification of Isoxathion was 2ng/mL.
2) : Below limit of quantification. Limit of quantification of Hydroxy isoxazole was 50ng/mL.