N,N-ジメチルアセトアミドのラットを用いた
吸 入 に よ る 2 週 間 毒 性 試 験 報 告 書

試験番号：0706

TABLES

TABLES

TABLES (CONTINUED)

TABLE A

CONCENTRATIONS OF *N,N*-DIMETHYLACETAMIDE IN THE INHALATION CHAMBER OF THE 2-WEEK INHALATION STUDY

CONCENTRATIONS OF *N,N*-DIMETHYLACETAMIDE IN THE INHALATION CHAMBER OF THE 2-WEEK INHALATION STUDY

Group Name	Concentration(ppm) Mean ± S.D.
Control	0.0 ± 0.0
30 ppm	30.0 ± 0.7
100 ppm	99.3 ± 1.3
300 ppm	298.6 ± 4.2
450 ppm	441.0 ± 6.0
600 ppm	595.1 ± 6.0

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2
SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 0-0	1-1	1-2	1-3	1-4	1-5	1-6	1-7	2-1	2-2	2-3	2-4	2-5	2-6
Control	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
450ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2
SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
30ppm	5	5/ 5 100.0
100ppm	5	5/ 5 100.0
300ppm	5	5/ 5 100.0
450ppm	5	5/ 5 100.0
600ppm	5	5/ 5 100.0

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

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 0-0	1-1	1-2	1-3	1-4	1-5	1-6	1-7	2-1	2-2	2-3	2-4	2-5	2-6
Control	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
450ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
30ppm	5	5/ 5 100.0
100ppm	5	5/ 5 100.0
300ppm	5	5/ 5 100.0
450ppm	5	5/ 5 100.0
600ppm	5	5/ 5 100.0

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

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Administration Week-day 1-2	1-4	1-7	2-3	2-7
		1	1	1	1	1
NON REMARKABLE	Control	5	5	5	5	5
	30ppm	5	5	5	5	5
	100ppm	5	5	5	5	5
	300ppm	5	5	5	5	5
	450ppm	5	5	5	5	5
	600ppm	5	5	5	5	5

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Administration Week-day 1-2	1-4	1-7	2-3	2-7
		1	1	1	1	1
NON REMARKABLE	Control	5	5	5	5	5
	30ppm	5	5	5	5	5
	100ppm	5	5	5	5	5
	300ppm	5	5	5	5	5
	450ppm	5	5	5	5	5
	600ppm	5	5	5	5	5

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control Av. Wt.	Control No. of Surviv. <5>	30ppm Av. Wt.	30ppm % of cont. <5>	30ppm No. of Surviv.	100ppm Av. Wt.	100ppm % of cont. <5>	100ppm No. of Surviv.	300ppm Av. Wt.	300ppm % of cont. <5>	300ppm No. of Surviv.	450ppm Av. Wt.	450ppm % of cont. <5>	450ppm No. of Surviv.	600ppm Av. Wt.	600ppm % of cont. <5>	600ppm No. of Surviv.
0-0	120 (5)	5/ 5	121 (5)	101	5/ 5	120 (5)	100	5/ 5	120 (5)	100	5/ 5	120 (5)	100	5/ 5	121 (5)	101	5/ 5
1-2	128 (5)	5/ 5	130 (5)	102	5/ 5	128 (5)	100	5/ 5	127 (5)	99	5/ 5	126 (5)	98	5/ 5	123 (5)	96	5/ 5
1-4	134 (5)	5/ 5	137 (5)	102	5/ 5	136 (5)	101	5/ 5	136 (5)	101	5/ 5	136 (5)	101	5/ 5	132 (5)	99	5/ 5
1-7	142 (5)	5/ 5	146 (5)	103	5/ 5	143 (5)	101	5/ 5	146 (5)	103	5/ 5	144 (5)	101	5/ 5	133 (5)	94	5/ 5
2-3	153 (5)	5/ 5	156 (5)	102	5/ 5	153 (5)	100	5/ 5	159 (5)	104	5/ 5	157 (5)	103	5/ 5	146 (5)	95	5/ 5
2-7	169 (5)	5/ 5	173 (5)	102	5/ 5	166 (5)	98	5/ 5	175 (5)	104	5/ 5	171 (5)	101	5/ 5	155 (5)	92	5/ 5

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

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control Av. Wt.	Control No. of Surviv. <5>	30ppm Av. Wt.	30ppm % of cont. <5>	30ppm No. of Surviv.	100ppm Av. Wt.	100ppm % of cont. <5>	100ppm No. of Surviv.	300ppm Av. Wt.	300ppm % of cont. <5>	300ppm No. of Surviv.	450ppm Av. Wt.	450ppm % of cont. <5>	450ppm No. of Surviv.	600ppm Av. Wt.	600ppm % of cont. <5>	600ppm No. of Surviv.
0-0	97 (5)	5/ 5	97 (5)	100	5/ 5	97 (5)	100	5/ 5	97 (5)	100	5/ 5	97 (5)	100	5/ 5	97 (5)	100	5/ 5
1-2	101 (5)	5/ 5	104 (5)	103	5/ 5	102 (5)	101	5/ 5	100 (5)	99	5/ 5	100 (5)	99	5/ 5	98 (5)	97	5/ 5
1-4	106 (5)	5/ 5	108 (5)	102	5/ 5	106 (5)	100	5/ 5	105 (5)	99	5/ 5	107 (5)	101	5/ 5	105 (5)	99	5/ 5
1-7	107 (5)	5/ 5	112 (5)	105	5/ 5	110 (5)	103	5/ 5	109 (5)	102	5/ 5	108 (5)	101	5/ 5	102 (5)	95	5/ 5
2-3	111 (5)	5/ 5	118 (5)	106	5/ 5	116 (5)	105	5/ 5	115 (5)	104	5/ 5	118 (5)	106	5/ 5	109 (5)	98	5/ 5
2-7	117 (5)	5/ 5	124 (5)	106	5/ 5	122 (5)	104	5/ 5	121 (5)	103	5/ 5	122 (5)	104	5/ 5	112 (5)	96	5/ 5

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

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 0-0	1-2	1-4	1-7	2-3	2-7
Control	120± 3	128± 3	134± 3	142± 5	153± 5	169± 8
30ppm	121± 3	130± 4	137± 4	146± 5	156± 6	173± 9
100ppm	120± 4	128± 4	136± 4	143± 4	153± 5	166± 6
300ppm	120± 4	127± 4	136± 5	146± 6	159± 9	175± 11
450ppm	120± 4	126± 5	136± 6	144± 7	157± 8	171± 8
600ppm	121± 3	123± 3	132± 5	133± 8	146± 6	155± 6*

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

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 0-0	1-2	1-4	1-7	2-3	2-7
Control	97± 3	101± 4	106± 4	107± 5	111± 6	117± 6
30ppm	97± 4	104± 5	108± 5	112± 7	118± 6	124± 7
100ppm	97± 3	102± 5	106± 5	110± 5	116± 6	122± 4
300ppm	97± 4	100± 6	105± 5	109± 5	115± 4	121± 5
450ppm	97± 3	100± 4	107± 4	108± 5	118± 6	122± 5
600ppm	97± 3	98± 3	105± 5	102± 5	109± 6	112± 6

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

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS · MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

Week-Day on Study	Control Av. FC.	Control No. of Surviv. <5>	30ppm Av. FC.	30ppm % of cont. <5>	30ppm No. of Surviv.	100ppm Av. FC.	100ppm % of cont. <5>	100ppm No. of Surviv.	300ppm Av. FC.	300ppm % of cont. <5>	300ppm No. of Surviv.	450ppm Av. FC.	450ppm % of cont. <5>	450ppm No. of Surviv.	600ppm Av. FC.	600ppm % of cont. <5>	600ppm No. of Surviv.
1-7	13.5 (5)	5/ 5	14.2 (5)	105	5/ 5	13.9 (5)	103	5/ 5	14.5 (5)	107	5/ 5	13.6 (5)	101	5/ 5	12.8 (5)	95	5/ 5
2-7	14.7 (5)	5/ 5	15.4 (5)	105	5/ 5	14.2 (5)	97	5/ 5	15.7 (5)	107	5/ 5	14.8 (5)	101	5/ 5	13.4 (5)	91	5/ 5

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

TABLE E2

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

Week-Day on Study	Control Av. FC.	Control No. of Surviv. <5>	30ppm Av. FC.	30ppm % of cont. <5>	30ppm No. of Surviv.	100ppm Av. FC.	100ppm % of cont. <5>	100ppm No. of Surviv.	300ppm Av. FC.	300ppm % of cont. <5>	300ppm No. of Surviv.	450ppm Av. FC.	450ppm % of cont. <5>	450ppm No. of Surviv.	600ppm Av. FC.	600ppm % of cont. <5>	600ppm No. of Surviv.
1-7	11.4 (5)	5/ 5	11.4 (5)	100	5/ 5	11.1 (5)	97	5/ 5	10.6 (5)	93	5/ 5	10.6 (5)	93	5/ 5	10.5 (5)	92	5/ 5
2-7	10.8 (5)	5/ 5	11.3 (5)	105	5/ 5	11.3 (5)	105	5/ 5	11.3 (5)	105	5/ 5	10.8 (5)	100	5/ 5	10.7 (5)	99	5/ 5

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

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration 1-7(6)	week-day(effective) 2-7(7)
Control	13.5± 0.8	14.7± 1.2
30ppm	14.2± 0.5	15.4± 1.0
100ppm	13.9± 0.5	14.2± 0.9
300ppm	14.5± 0.8	15.7± 1.1
450ppm	13.6± 0.8	14.8± 0.6
600ppm	12.8± 0.8	13.4± 0.6

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

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration 1-7(6)	week-day(effective) 2-7(7)
Control	11.4± 0.3	10.8± 0.6
30ppm	11.4± 1.1	11.3± 0.7
100ppm	11.1± 0.4	11.3± 0.2
300ppm	10.6± 0.4	11.3± 0.7
450ppm	10.6± 0.5	10.8± 0.7
600ppm	10.5± 0.5	10.7± 0.8

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

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	RED BLOOD CELL $10^6/\mu\ell$	HEMOGLOBIN g/dℓ	HEMATOCRIT %	MCV fℓ	MCH pg	MCHC g/dℓ	PLATELET $10^3/\mu\ell$
Control	5	8.67± 0.09	16.2± 0.1	45.4± 0.4	52.4± 0.4	18.7± 0.3	35.7± 0.3	1050± 70
30ppm	5	8.69± 0.25	16.4± 0.4	45.8± 1.0	52.7± 0.4	18.9± 0.2	35.8± 0.2	1124± 76
100ppm	5	8.74± 0.22	16.4± 0.4	45.6± 0.8	52.2± 0.5	18.7± 0.2	35.8± 0.5	1096± 68
300ppm	5	8.59± 0.19	16.0± 0.4	45.3± 0.7	52.8± 0.6	18.7± 0.1	35.4± 0.5	1222± 67**
450ppm	5	8.69± 0.25	16.2± 0.3	45.9± 0.8	52.8± 0.7	18.7± 0.3	35.3± 0.3	1206± 44**
600ppm	5	8.91± 0.24	16.6± 0.5	47.2± 1.2**	53.0± 0.3	18.6± 0.1	35.2± 0.2	1058± 52

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	RETICULOCYTE %
Control	5	2.9± 0.4
30ppm	5	3.1± 0.4
100ppm	5	2.7± 0.5
300ppm	5	3.4± 0.3
450ppm	5	3.2± 0.6
600ppm	5	2.9± 0.3

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$	Differential WBC ($10^3/\mu\ell$)
Control	5	5.55± 1.62	
30ppm	5	6.47± 1.02	
100ppm	5	5.92± 1.40	
300ppm	5	5.64± 0.87	
450ppm	5	5.29± 0.51	
600ppm	5	3.52± 0.54*	

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

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

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	5	9.15± 0.27	17.3± 0.5	47.3± 1.1	51.7± 0.5	18.9± 0.1	36.6± 0.4	854± 68
30ppm	5	8.86± 0.23	16.8± 0.5	46.1± 1.0	52.0± 0.3	19.0± 0.1	36.6± 0.3	1011± 81*
100ppm	5	9.00± 0.26	17.0± 0.5	46.5± 1.3	51.6± 0.1	18.9± 0.1	36.7± 0.3	1007± 85*
300ppm	5	9.06± 0.37	17.1± 0.6	46.9± 1.7	51.8± 0.5	18.9± 0.1	36.5± 0.4	1031± 90**
450ppm	5	9.05± 0.49	17.1± 0.8	47.0± 2.1	52.0± 0.7	18.9± 0.3	36.3± 0.4	1045± 47**
600ppm	5	9.15± 0.34	17.2± 0.5	47.6± 1.5	52.0± 0.4	18.8± 0.2	36.2± 0.3	948± 82

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	RETICULOCYTE %
Control	5	1.3± 0.1
30ppm	5	1.9± 0.1**
100ppm	5	1.8± 0.2**
300ppm	5	1.8± 0.2**
450ppm	5	1.7± 0.1**
600ppm	5	1.4± 0.2

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$	Differential WBC ($10^3/\mu\ell$)
Control	5	4.27± 1.90	
30ppm	5	4.61± 1.46	
100ppm	5	4.72± 1.04	
300ppm	5	3.96± 1.58	
450ppm	5	3.98± 0.60	
600ppm	5	3.42± 0.78	

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

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	5.8±	0.2	3.4±	0.1	1.4±	0.1	0.12±	0.01	159±	15	50±	2	37±	11
30ppm	5	6.0±	0.1	3.4±	0.1	1.3±	0.1	0.12±	0.01	167±	14	69±	4**	38±	17
100ppm	5	6.0±	0.2	3.4±	0.1	1.3±	0.0*	0.12±	0.01	161±	11	92±	6**	48±	17
300ppm	5	6.1±	0.1*	3.4±	0.1	1.3±	0.1*	0.13±	0.01	163±	5	100±	5**	58±	16
450ppm	5	6.1±	0.2**	3.4±	0.1	1.3±	0.1*	0.13±	0.01	170±	15	104±	8**	74±	19*
600ppm	5	6.2±	0.1**	3.5±	0.1	1.3±	0.0	0.15±	0.01**	165±	14	104±	6**	73±	35*

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	94± 5	68± 2	30± 2	146± 41	720± 33	1± 0	205± 18
30ppm	5	115± 7**	68± 5	32± 2	132± 48	709± 50	1± 0	220± 29
100ppm	5	148± 8**	68± 2	33± 2	135± 29	625± 31**	1± 0	211± 21
300ppm	5	162± 10**	88± 21	50± 18**	151± 37	570± 30**	1± 0	204± 31
450ppm	5	175± 10**	74± 15	42± 17	156± 42	491± 49**	1± 1	181± 19
600ppm	5	186± 9**	89± 9*	53± 12**	186± 62	437± 27**	1± 0	197± 32

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	16.1± 0.6	0.5± 0.0	143± 2	3.7± 0.3	104± 2	10.4± 0.2	8.1± 0.7
30ppm	5	16.4± 1.4	0.5± 0.1	142± 1	3.4± 0.3	104± 1	10.6± 0.2	8.0± 0.6
100ppm	5	17.6± 0.9	0.5± 0.0	142± 1	3.6± 0.2	104± 1	10.7± 0.3	8.4± 0.4
300ppm	5	14.3± 0.4*	0.4± 0.1	142± 1	3.4± 0.1	104± 1	10.9± 0.3*	7.6± 0.8
450ppm	5	15.2± 0.8	0.4± 0.1	143± 2	3.5± 0.1	104± 1	11.1± 0.1**	7.6± 0.8
600ppm	5	16.1± 2.0	0.5± 0.0	142± 0	3.4± 0.2	104± 1	11.2± 0.2**	6.9± 1.1

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

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	5.8± 0.1	3.4± 0.1	1.4± 0.1	0.12± 0.01	141± 11	69± 10	13± 2
30ppm	5	5.7± 0.1	3.3± 0.1	1.4± 0.1	0.12± 0.01	141± 7	82± 8	13± 3
100ppm	5	5.7± 0.1	3.3± 0.1	1.4± 0.0	0.12± 0.01	144± 5	102± 9**	21± 7
300ppm	5	5.8± 0.1	3.4± 0.1	1.4± 0.1	0.13± 0.01	148± 21	122± 13**	27± 8*
450ppm	5	5.9± 0.2	3.4± 0.1	1.4± 0.1	0.14± 0.01*	162± 13	128± 5**	38± 10**
600ppm	5	5.8± 0.1	3.5± 0.1*	1.5± 0.1	0.16± 0.02**	157± 5	126± 7**	36± 9**

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	123± 12	76± 2	31± 3	233± 70	589± 46	2± 0	211± 23
30ppm	5	134± 14	69± 1*	30± 2	194± 70	597± 12	1± 1	186± 29
100ppm	5	163± 16**	75± 8	32± 2	207± 122	556± 26	2± 0	196± 47
300ppm	5	195± 16**	69± 2*	26± 2*	206± 83	512± 29**	1± 0	192± 45
450ppm	5	212± 10**	62± 3**	22± 1**	162± 46	419± 17**	1± 1	170± 33
600ppm	5	224± 3**	83± 6	31± 4	174± 39	419± 27**	2± 1	182± 19

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	17.7± 2.1	0.5± 0.0	142± 1	3.4± 0.2	106± 2	10.2± 0.1	6.8± 1.2
30ppm	5	17.5± 0.6	0.5± 0.0	142± 1	3.5± 0.2	106± 2	10.3± 0.2	7.1± 1.2
100ppm	5	17.7± 1.6	0.5± 0.0	141± 1	3.4± 0.2	105± 2	10.4± 0.2	7.0± 0.9
300ppm	5	15.3± 1.9	0.5± 0.0	142± 1	3.5± 0.2	106± 1	10.7± 0.1**	6.7± 1.0
450ppm	5	15.7± 1.6	0.5± 0.0	141± 1	3.5± 0.2	105± 2	10.8± 0.3**	6.8± 1.1
600ppm	5	15.6± 2.0	0.5± 0.0	141± 1	3.5± 0.1	104± 1	10.9± 0.2**	6.1± 1.5

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

TABLE H

GROSS FINDINGS : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 3W)

Organ	Findings	Group Name / NO. of Animals	Control 5 (%)	30ppm 5 (%)	100ppm 5 (%)	300ppm 5 (%)
liver	herniation		1 (20)	0 (0)	0 (0)	1 (20)

Organ	Findings	Group Name	450ppm	600ppm
		NO. of Animals	5 (%)	5 (%)
liver	herniation		1 (20)	1 (20)

TABLE I1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	5	150± 6	0.266± 0.025	0.051± 0.006	2.318± 0.136	0.632± 0.028	0.686± 0.049
30ppm	5	153± 8	0.284± 0.026	0.053+ 0.006	2.392± 0.065	0.660± 0.034	0.703± 0.042
100ppm	5	148± 7	0.279± 0.032	0.052± 0.006	2.310± 0.099	0.656± 0.044	0.696± 0.021
300ppm	5	155± 7	0.243± 0.046	0.049± 0.004	2.371± 0.108	0.636± 0.043	0.694± 0.040
450ppm	5	153± 8	0.232± 0.034	0.056± 0.009	2.392± 0.109	0.627± 0.040	0.711± 0.059
600ppm	5	138± 6*	0.149± 0.016**	0.051± 0.004	2.103± 0.139*	0.573± 0.009	0.665± 0.010

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	1.250± 0.064	0.381± 0.020	4.570± 0.344	1.756± 0.028
30ppm	5	1.275± 0.075	0.372± 0.035	5.044± 0.368	1.764± 0.036
100ppm	5	1.286± 0.079	0.384± 0.023	4.980± 0.412	1.750± 0.019
300ppm	5	1.364± 0.072	0.378± 0.032	5.896± 0.424**	1.723± 0.055
450ppm	5	1.395± 0.072*	0.360± 0.029	5.942± 0.441**	1.738± 0.034
600ppm	5	1.292± 0.068	0.294± 0.025**	5.492± 0.422**	1.707± 0.040

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

TABLE I2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	5	104± 5	0.221± 0.017	0.051± 0.004	0.061± 0.013	0.460± 0.016	0.532± 0.023
30ppm	5	110± 5	0.250± 0.024	0.057± 0.005	0.080± 0.004	0.508± 0.036*	0.581± 0.033
100ppm	5	109± 3	0.235± 0.016	0.055± 0.004	0.074± 0.012	0.514± 0.025*	0.586± 0.031
300ppm	5	109± 5	0.210± 0.021	0.056± 0.003	0.076± 0.005	0.488± 0.020	0.586± 0.030
450ppm	5	108± 3	0.185± 0.016*	0.055± 0.005	0.076± 0.009	0.499± 0.035	0.589± 0.030
600ppm	5	101± 6	0.108± 0.015**	0.052± 0.007	0.070± 0.011	0.464± 0.018	0.572± 0.034

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	0.936± 0.009	0.266± 0.022	3.173± 0.107	1.619± 0.015
30ppm	5	0.992± 0.064	0.309± 0.013**	3.535± 0.183*	1.650± 0.038
100ppm	5	1.017± 0.034*	0.298± 0.019	3.591± 0.170**	1.670± 0.033*
300ppm	5	1.043± 0.064**	0.288± 0.023	3.793± 0.250**	1.641± 0.030
450ppm	5	1.082± 0.043**	0.271± 0.024	4.066± 0.182**	1.643± 0.032
600ppm	5	1.058± 0.043**	0.219± 0.014**	3.840± 0.201**	1.609± 0.024

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

TABLE J1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	5	150± 6	0.177± 0.012	0.034± 0.003	1.543± 0.048	0.421± 0.017	0.456± 0.021
30ppm	5	153± 8	0.185± 0.017	0.035± 0.005	1.561± 0.065	0.431± 0.026	0.458± 0.019
100ppm	5	148± 7	0.188± 0.019	0.035± 0.004	1.558± 0.065	0.442± 0.015	0.469± 0.014
300ppm	5	155± 7	0.156± 0.024	0.032± 0.002	1.526± 0.034	0.409± 0.014	0.446± 0.007
450ppm	5	153± 8	0.152± 0.015	0.036± 0.005	1.567± 0.083	0.410± 0.016	0.465± 0.021
600ppm	5	138± 6*	0.108± 0.013**	0.037± 0.004	1.519± 0.065	0.414± 0.015	0.481± 0.021

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	0.832± 0.041	0.254± 0.005	3.040± 0.123	1.171± 0.033
30ppm	5	0.831± 0.030	0.242± 0.014	3.285± 0.089*	1.152± 0.040
100ppm	5	0.866± 0.020	0.259± 0.006	3.351± 0.128**	1.181± 0.049
300ppm	5	0.878± 0.031	0.243± 0.012	3.790± 0.104**	1.110± 0.059
450ppm	5	0.913± 0.010**	0.235± 0.010*	3.885± 0.100**	1.139± 0.034
600ppm	5	0.934± 0.044**	0.212± 0.013**	3.965± 0.172**	1.235± 0.047

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

TABLE J2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	5	104± 5	0.212± 0.014	0.050± 0.005	0.059± 0.012	0.442± 0.034	0.510± 0.025
30ppm	5	110± 5	0.228± 0.013	0.052± 0.005	0.073± 0.004	0.463± 0.015	0.530± 0.011
100ppm	5	109± 3	0.216± 0.014	0.051± 0.004	0.068± 0.010	0.471± 0.011	0.537± 0.018
300ppm	5	109± 5	0.193± 0.016	0.052± 0.004	0.069± 0.004	0.448± 0.003	0.539± 0.016
450ppm	5	108± 3	0.170± 0.014**	0.051± 0.004	0.070± 0.006	0.460± 0.019	0.543± 0.017
600ppm	5	101± 6	0.106± 0.012**	0.051± 0.009	0.069± 0.009	0.459± 0.021	0.564± 0.027**

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

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	0.899± 0.040	0.254± 0.014	3.041± 0.076	1.554± 0.079
30ppm	5	0.904± 0.022	0.282± 0.007*	3.225± 0.047**	1.507± 0.043
100ppm	5	0.933± 0.015	0.273± 0.014	3.294± 0.087**	1.533± 0.043
300ppm	5	0.958± 0.023**	0.264± 0.014	3.484± 0.098**	1.510± 0.051
450ppm	5	0.998± 0.019**	0.250± 0.018	3.749± 0.064**	1.516± 0.038
600ppm	5	1.044± 0.025**	0.216± 0.004**	3.788± 0.065**	1.590± 0.076

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

TABLE K1

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : MALE

STUDY NO. : 0706
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 3W)

Organ	Findings	Group Name / No. of Animals on Study / Grade	Control 5 1 (%)	Control 5 2 (%)	Control 5 3 (%)	Control 5 4 (%)	30ppm 5 1 (%)	30ppm 5 2 (%)	30ppm 5 3 (%)	30ppm 5 4 (%)	100ppm 5 1 (%)	100ppm 5 2 (%)	100ppm 5 3 (%)	100ppm 5 4 (%)	300ppm 5 1 (%)	300ppm 5 2 (%)	300ppm 5 3 (%)	300ppm 5 4 (%)
{Digestive system}																		
liver		< a >	< 5>				< 5>				< 5>				< 5>			
	hepatocellular hypertrophy:central	b	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(c)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
{Urinary system}																		
kidney		< a >	< 5>				< 5>				< 5>				< 5>			
	eosinophilic body	b	1	0	0	0	1	0	0	0	1	0	0	0	5	0	0	0
		(c)	(20)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(100)	(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

Organ	Findings	Group Name	450ppm				600ppm			
		No. of Animals on Study	5				5			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}										
liver			< 5>				< 5>			
	hepatocellular hypertrophy:central		4	0	0	0	5	0	0	0
			(80)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
{Urinary system}										
kidney			< 5>				< 5>			
	eosinophilic body		3	1	0	0	2	0	0	0
			(60)	(20)	(0)	(0)	(40)	(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

TABLE K2

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : FEMALE

Organ	Findings	Group Name / No. of Animals on Study / Grade	Control 5 1 (%)	Control 5 2 (%)	Control 5 3 (%)	Control 5 4 (%)	30ppm 5 1 (%)	30ppm 5 2 (%)	30ppm 5 3 (%)	30ppm 5 4 (%)	100ppm 5 1 (%)	100ppm 5 2 (%)	100ppm 5 3 (%)	100ppm 5 4 (%)	300ppm 5 1 (%)	300ppm 5 2 (%)	300ppm 5 3 (%)	300ppm 5 4 (%)
{Digestive system}																		
liver		< a >	< 5>				< 5>				< 5>				< 5>			
	herniation	b	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(c)	(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:focal	b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(c)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:single cell	b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(c)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hepatocellular hypertrophy:central	b	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
		(c)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
{Urinary system}																		
kidney		< a >	< 5>				< 5>				< 5>				< 5>			
	mineralization:cortico-medullary junction	b	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(c)	(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(20)	(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

Organ	Findings	Group Name	450ppm				600ppm			
		No. of Animals on Study	5				5			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}										
liver			< 5>				< 5>			
	herniation		1	0	0	0	1	0	0	0
			(20)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
	necrosis:focal		1	0	0	0	0	0	0	0
			(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:single cell		0	0	0	0	4	0	0	0
			(0)	(0)	(0)	(0)	(80)	(0)	(0)	(0)
	hepatocellular hypertrophy:central		5	0	0	0	5	0	0	0
			(100)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
{Urinary system}										
kidney			< 5>				< 5>			
	mineralization:cortico-medullary junction		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
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(c) c : b / a * 100