

クロロホルムのラット及びマウスを用いた  
吸入によるがん原性試験報告書

# APPENDIX

(A1～C 4)

がん原性試験 NO. 0115 ; 0116

## APPENDIXES

APPENDIX	A 1	CLINICAL OBSERVATION: SUMMARY, RAT : MALE ( 2 - YEAR STUDY )
APPENDIX	A 2	CLINICAL OBSERVATION: SUMMARY, RAT : FEMALE ( 2 - YEAR STUDY )
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APPENDIX	A 4	CLINICAL OBSERVATION: SUMMARY, MOUSE: FEMALE ( 2 - YEAR STUDY )
APPENDIX	B 1	BODY WEIGHT CHANGES: SUMMARY, RAT: MALE ( 2 - YEAR STUDY )
APPENDIX	B 2	BODY WEIGHT CHANGES: SUMMARY, RAT: FEMALE ( 2 - YEAR STUDY )
APPENDIX	B 3	BODY WEIGHT CHANGES: SUMMARY, MOUSE: MALE ( 2 - YEAR STUDY )
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APPENDIX	C 1	FOOD CONSUMPTION CHANGES: SUMMARY, RAT: MALE ( 2 - YEAR STUDY )
APPENDIX	C 2	FOOD CONSUMPTION CHANGES: SUMMARY, RAT: FEMALE ( 2 - YEAR STUDY )
APPENDIX	C 3	FOOD CONSUMPTION CHANGES: SUMMARY, MOUSE: MALE ( 2 - YEAR STUDY )
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## APPENDIX A 1

CLINICAL OBSERVATION : SUMMARY, RAT : MALE  
(2-YEAR STUDY)

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
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CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	2	2	2	2	2	2	2	2	2	2	3	3	3	3
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	1	1	1	0	0	0	0
	10 ppm	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	3	3	3	3	3	3	4	4	4	4	4	4	4	4
	10 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	1	0	0	1	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	10 ppm	1	1	1	1	1	1	2	2	2	2	2	2	2	2
	30 ppm	0	0	0	0	0	0	0	0	1	2	2	2	3	3
	90 ppm	1	1	1	1	2	2	2	2	2	2	2	2	2	2
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	2	2	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	30 ppm	1	2	2	2	2	2	2	2	2	2	2	2	2	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	1	0	0	0	0	0	0	0	1	1	1	1
	10 ppm	0	0	1	0	0	0	0	0	1	1	0	2	1	2
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
DEATH	Control	4	4	4	4	4	4	4	4	4	4	4	5	5	5
	10 ppm	3	3	3	3	3	3	3	3	3	4	4	4	4	4
	30 ppm	3	3	3	3	3	3	4	4	5	5	5	5	5	5
	90 ppm	2	3	3	3	3	3	3	3	3	3	3	3	3	3
MORIBUND SACRIFICE	Control	2	2	3	3	3	3	4	4	4	4	5	5	5	6
	10 ppm	1	2	2	2	2	2	2	2	2	2	2	2	3	3
	30 ppm	2	2	2	2	2	2	2	2	3	4	4	4	4	5
	90 ppm	0	2	2	2	2	2	2	3	3	3	3	3	3	3
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	1	1	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	30 ppm	0	0	0	0	1	1	1	1	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	1	1	1	0	1	1	1	1	1	1	0	0	0	0
	10 ppm	1	0	0	0	0	1	1	1	1	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	1	1	0	1	1	1	0
	90 ppm	2	1	1	0	1	1	1	0	0	0	0	0	0	2
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	30 ppm	0	0	1	0	1	1	1	1	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
DEATH	Control	5	5	6	6	7	7	7	8
	10 ppm	4	4	5	5	5	5	5	5
	30 ppm	5	5	5	6	6	6	6	6
	90 ppm	4	4	4	4	4	5	5	6
MORIBUND SACRIFICE	Control	7	7	9	11	13	15	15	15
	10 ppm	3	3	3	4	6	6	6	6
	30 ppm	5	5	5	5	6	7	7	7
	90 ppm	4	4	4	4	4	4	4	6
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	1	1	1	1	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	0	0
PRONE	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	1	0	0	0	0
	10 ppm	0	0	1	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	1	1	0	2	2	1	1	0
	10 ppm	0	0	0	0	0	0	1	1
	30 ppm	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	1	1	2
ATAXIC GAIT	Control	0	0	0	0	0	1	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0

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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	1	1	1	0	0	0	0	0
	10 ppm	0	0	0	1	1	1	0	0	0	0	0	0	1	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	0	0	0	0	1	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	10 ppm	1	1	0	0	0	0	0	0	0	1	0	1	1	1
	30 ppm	1	2	2	5	4	4	4	4	6	5	5	6	1	4
	90 ppm	0	0	0	1	2	0	3	3	1	4	3	4	0	2
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	3	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	2	0	0	0	0	0	1	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	1	1	0	1	1
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	1	1	1	0	1	1	1	1	1	0	1	1	2
	30 ppm	4	3	1	4	5	1	5	6	0	6	5	0	5	6
	90 ppm	0	1	0	0	1	0	3	1	0	3	3	1	4	2
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	1	1	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
SOILED	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	1	0	0	1	1	1	1
PILOERECTION	Control	0	0	0	0	1	1	2	2	1	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	0	0	1	0	0	0	0
	90 ppm	1	0	0	0	1	1	2	1	1	1	1	1	1	1
LOSS OF HAIR	Control	0	0	0	2	1	1	1	1	3	2	1	1	1	1
	10 ppm	2	2	2	2	1	2	2	0	2	2	2	2	2	1
	30 ppm	0	6	6	15	0	5	4	6	5	6	6	5	3	4
	90 ppm	1	5	5	10	1	7	5	1	3	3	5	3	3	6
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	1	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	1	0	1	0	0	0
LOSS OF HAIR	Control	0	0	0	1	1	1	0	0	3	1	4	3	3	3
	10 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	30 ppm	6	8	1	5	6	5	5	6	6	5	7	8	9	9
	90 ppm	3	1	1	4	2	2	2	3	2	2	3	3	3	3
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	1	0	0	1	1
	10 ppm	0	0	0	0	0	0	0	0	1	1	0	2	1	2
	30 ppm	0	0	0	0	0	0	1	0	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	0	0	1	1	1	1	2	1	2	2	2	1	2
	10 ppm	0	0	0	2	3	0	0	2	2	1	1	1	2	2
	30 ppm	0	1	0	1	0	0	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
LOSS OF HAIR	Control	1	2	2	3	3	3	3	3	3	3	2	1	2	2
	10 ppm	2	3	3	3	3	3	2	2	1	2	3	2	2	1
	30 ppm	9	8	8	8	7	6	6	7	8	7	7	4	5	7
	90 ppm	3	3	3	3	3	4	5	5	3	4	4	4	4	2
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
PARALYTIC GAIT	Control	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	2	2	2	0	2	3	2	2	2	2	1	1	1	3
	10 ppm	1	0	0	0	0	1	1	1	1	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	0
	90 ppm	3	1	1	0	1	1	1	0	0	0	0	0	0	2
SOILED	Control	1	1	1	0	1	1	1	1	1	1	1	1	2	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	2	2	2	0	2	2	2	2	2	2	1	2	2	3
	10 ppm	1	0	0	0	1	1	1	1	1	0	1	2	1	1
	30 ppm	0	0	1	0	2	3	2	2	1	0	1	1	1	0
	90 ppm	3	2	1	0	1	1	1	0	0	0	0	0	0	3
LOSS OF HAIR	Control	4	4	5	0	4	4	4	4	3	2	2	2	2	2
	10 ppm	1	1	2	0	3	3	3	3	3	3	3	2	2	2
	30 ppm	7	7	8	0	9	9	8	8	7	5	5	5	7	6
	90 ppm	4	2	3	0	3	3	2	2	3	2	3	4	5	5
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day					100-7	101-7	102-7	103-7	104-7
		97-7	98-7	99-7							
		1	1	1							
PARALYTIC GAIT	Control	1	1	2	1	1	1	1	2		
	10 ppm	0	0	0	0	0	1	1	1		
	30 ppm	0	0	0	1	0	0	0	0		
	90 ppm	0	0	0	0	0	0	0	0		
ROTATING	Control	0	0	0	0	0	0	0	0		
	10 ppm	0	0	0	0	0	0	0	0		
	30 ppm	0	0	0	0	0	0	0	0		
	90 ppm	0	0	0	0	0	0	0	0		
WASTING	Control	3	3	2	4	3	3	2	1		
	10 ppm	0	0	0	0	0	1	1	1		
	30 ppm	0	0	0	0	0	0	0	1		
	90 ppm	0	0	0	0	0	1	1	2		
SOILED	Control	1	1	1	1	1	2	1	1		
	10 ppm	1	1	0	0	0	0	0	0		
	30 ppm	0	0	0	1	0	0	0	0		
	90 ppm	0	0	0	0	0	1	0	0		
PILOERECTION	Control	3	4	5	4	5	3	2	1		
	10 ppm	2	2	3	2	1	1	1	1		
	30 ppm	0	0	0	1	2	1	1	2		
	90 ppm	1	1	0	1	2	3	3	3		
LOSS OF HAIR	Control	1	2	2	2	3	3	3	3		
	10 ppm	2	2	2	1	1	2	2	2		
	30 ppm	6	6	6	5	5	5	5	4		
	90 ppm	5	5	5	5	4	4	4	4		
FROG BELLY	Control	0	0	0	0	0	0	0	0		
	10 ppm	0	0	0	0	0	0	0	0		
	30 ppm	0	0	0	0	1	0	0	0		
	90 ppm	0	0	0	0	0	0	0	0		

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	1	0	0	0	1	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	2	2	2	3	3	2	2	2	3	3	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	2	2	2	2	2	2	3	3	2	2	1	3	3	2
	10 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	30 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	10 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	2	2	2	2	2	2	2	2	1	1	1	2	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	1	1	1	1	0	0	0
	90 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	0
CORNEAL OPACITY	Control	2	2	2	2	2	2	2	2	1	1	1	2	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	1	1	1	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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 ANIMAL : RAT F344  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
LACRYMATION	Control	0	0	0	0	0	1	1	0	1	0	0	0	1	1
	10 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	1	1	1
GUM	Control	0	0	0	0	1	3	0	2	2	1	0	0	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	90 ppm	0	0	0	0	0	0	1	0	0	1	2	0	1	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	1	1	0	2	1	2	1	4	3	3	2	2	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	2
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CATARACT	Control	0	0	0	1	0	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	1	1	0	2	1	2	0	3	3	2	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED PERI GENITALIA	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	1	2	0	0	0	1	1	0	1	1	0	0
	10 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	2
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	1	1	0	1	0	0	0	0	0	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	1	0	3
	90 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	10 ppm	1	2	2	2	2	2	2	2	2	1	1	1	1	1
	30 ppm	1	1	1	3	2	3	3	3	2	3	3	3	2	3
	90 ppm	1	1	1	1	1	1	1	1	2	2	2	2	1	1
CATARACT	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	1	1	1	1	2	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	2	1	2	2	2	1	2	2	2	1	2
	90 ppm	0	0	0	0	0	0	0	0	1	1	1	1	0	0



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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED PERI GENITALIA	Control	0	0	0	0	1	1	1	1	2	2	2	2	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	1	1	0	0	1	1	0	0	1	0	0	1	1	1
	10 ppm	0	0	0	0	0	1	2	1	1	1	0	2	0	1
	30 ppm	1	1	0	0	0	0	2	0	2	2	0	3	4	2
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	1	1	1	1	1	0	0	1	1	1	1	1	1	0
	10 ppm	0	0	1	0	1	0	0	0	0	2	0	2	1	0
	30 ppm	2	0	0	0	0	2	3	0	0	0	3	0	0	3
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	2	2	2	2	3	3	3	3	4	4	4	4	4	4
	10 ppm	1	1	2	2	2	2	2	2	2	2	2	2	2	2
	30 ppm	4	3	3	3	3	3	3	3	3	2	3	3	3	3
	90 ppm	1	1	1	1	2	2	2	2	3	3	3	3	5	3
CATARACT	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	10 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	1	1	1	1	2	2	2	2	3	3	3	3	3	3
	10 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	2	2	2	2	2	2	2	2	2	1	2	2	2	2
	90 ppm	0	0	0	0	1	1	1	1	2	2	2	2	4	2

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
SOILED PERI GENITALIA	Control	2	2	2	0	2	2	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	1	1	1	0	1	0	0
	30 ppm	0	1	0	0	1	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	1	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	1	2	2	2
	10 ppm	1	1	0	0	0	0	1	1	2	0	1	3	2	1
	30 ppm	2	5	1	0	4	4	3	3	3	2	2	3	1	1
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	1	1	0	1	1	1	1	0	1	1	2	2	1
	10 ppm	1	0	0	0	0	0	1	2	1	1	0	1	1	1
	30 ppm	1	5	0	0	2	2	2	2	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	1	0	2	1	1	1	0	0	0	0	0	0
	10 ppm	1	1	1	0	1	0	0	1	0	0	1	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	1	1	0	0	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	4	4	4	0	4	5	7	7	7	7	7	6	6	9
	10 ppm	2	2	3	0	3	4	4	6	6	5	5	5	5	6
	30 ppm	3	4	3	0	3	3	3	3	4	4	4	4	4	4
	90 ppm	5	5	3	0	3	3	3	4	4	4	4	4	4	4
CATARACT	Control	2	2	2	0	2	2	2	2	2	2	2	1	1	1
	10 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	3	3	2	0	3	4	5	6	6	6	6	5	5	8
	10 ppm	1	1	2	0	2	3	3	5	5	4	4	4	4	5
	30 ppm	2	3	2	0	2	2	2	2	3	3	3	3	3	3
	90 ppm	4	4	2	0	2	2	2	3	3	3	3	3	3	3

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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
SOILED PERI GENITALIA	Control	2	2	1	1	1	3	2	2
	10 ppm	0	1	2	2	0	0	0	0
	30 ppm	0	1	0	1	1	1	0	0
	90 ppm	0	0	0	1	1	2	2	2
LACRYMATION	Control	2	1	1	2	1	1	2	1
	10 ppm	1	2	1	0	0	0	0	0
	30 ppm	1	2	2	3	2	3	2	1
	90 ppm	0	0	1	0	1	1	0	0
GUM	Control	1	1	2	2	1	2	1	2
	10 ppm	1	1	0	0	0	1	1	0
	30 ppm	0	0	0	1	1	2	0	0
	90 ppm	0	0	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	1	0	0
	10 ppm	1	0	1	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	1	1
	90 ppm	0	0	0	0	0	0	0	0
EYE OPACITY	Control	8	8	7	9	7	9	8	10
	10 ppm	6	6	6	5	5	5	5	6
	30 ppm	4	5	5	4	4	4	4	5
	90 ppm	3	3	3	3	3	4	4	6
CATARACT	Control	1	1	1	1	1	1	1	1
	10 ppm	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	2	2	2	2
CORNEAL OPACITY	Control	7	7	6	8	6	8	8	10
	10 ppm	5	5	5	4	4	4	4	5
	30 ppm	3	4	4	3	3	3	3	4
	90 ppm	2	2	2	2	2	3	3	5

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	0	0	0	0	0	0	0	0	0	0	1	0	0	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	2	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	2	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOSE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	7	5	12	18	26	30	16	34	32	12	45	47	42	48
	10 ppm	3	8	7	16	20	15	32	35	20	3	46	47	34	45
	30 ppm	1	9	15	8	1	34	30	26	8	37	1	3	36	42
	90 ppm	6	15	18	7	7	26	25	23	13	37	1	4	35	45
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOSE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
SORE OF SOLE	Control	45	47	50	50	50	50	50	50	50	50	50	50	39	50
	10 ppm	46	41	48	47	48	47	50	47	49	49	49	49	49	50
	30 ppm	0	46	35	49	49	41	50	50	50	50	50	50	49	29
	90 ppm	5	46	41	45	40	41	47	50	46	49	50	46	49	10
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOSE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	0	0	0	0	1	0	0	0	0
SORE OF SOLE	Control	48	48	47	48	48	47	48	47	46	47	46	46	46	45
	10 ppm	50	50	50	50	50	50	50	50	49	50	50	50	50	50
	30 ppm	50	49	49	48	50	50	3	50	50	50	50	50	50	50
	90 ppm	48	49	50	48	50	50	10	49	49	49	49	49	49	49
DEFECT OF TEETH	Control	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOSE HEMORRHAGIC DISCHARGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	2	3	3	3	4	4	4	3	2	2	1
	10 ppm	2	2	2	2	2	2	2	2	2	2	2	2	3	4
	30 ppm	0	1	1	1	0	1	1	1	0	0	1	2	3	3
	90 ppm	0	1	0	2	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	46	46	46	46	46	46	45	45	45	45	45	45	45	45
	10 ppm	50	50	50	47	50	50	50	50	50	50	49	49	49	49
	30 ppm	49	49	49	47	49	49	49	48	49	49	49	48	49	49
	90 ppm	48	46	49	49	49	48	49	49	49	49	49	49	49	49
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOSE HEMORRHAGIC DISCHARGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	2	4	5	5	4	3	7	7	6	7	7	8	8
	10 ppm	5	5	6	6	6	6	7	8	8	5	6	7	7	7
	30 ppm	4	3	5	6	6	7	6	8	7	7	7	8	8	8
	90 ppm	1	2	1	1	3	4	3	4	4	3	3	3	3	4
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	44	45	45	45	45	45	45	45	45	45	44	43	42	44
	10 ppm	49	49	49	49	49	49	48	48	48	48	47	47	46	47
	30 ppm	49	48	48	46	48	48	48	48	48	46	46	46	45	44
	90 ppm	49	49	49	49	48	48	48	48	48	48	48	48	48	47
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOSE HEMORRHAGIC DISCHARGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	7	7	9	5	5	4	5	5	5	4	6	7	8	9
	10 ppm	7	8	8	8	8	8	8	7	8	7	7	7	8	9
	30 ppm	8	7	5	7	8	9	9	9	9	8	8	8	9	11
	90 ppm	3	3	4	5	5	5	4	5	6	7	8	8	9	7
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	1	1	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1

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		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	1	0	0	0	1	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	44	44	43	0	43	43	42	42	42	42	41	40	40	39
	10 ppm	46	45	45	0	45	45	45	45	45	45	44	44	43	43
	30 ppm	45	45	45	0	45	45	43	44	42	41	40	41	41	40
	90 ppm	48	44	45	0	45	45	45	44	44	44	44	44	44	44
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOSE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	9	9	8	0	8	10	9	10	10	10	14	16	16	17
	10 ppm	8	7	8	0	7	8	8	10	9	9	8	8	8	9
	30 ppm	11	11	11	0	11	11	11	12	12	12	12	14	14	14
	90 ppm	7	8	8	0	8	8	8	9	9	10	10	10	12	13
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	2	2	1	1	1	1	1	1	0
	90 ppm	2	1	1	0	1	1	1	0	0	0	0	0	0	1

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		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	1	1	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	38	38	35	34	31	29	28	27
	10 ppm	43	43	43	41	39	39	39	39
	30 ppm	40	40	40	39	38	37	37	37
	90 ppm	42	42	42	42	42	41	41	39
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	1
	90 ppm	0	0	0	0	0	0	0	0
NOSE HEMORRHAGIC DISCHARGE	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	17	18	16	17	15	15	15	14
	10 ppm	12	12	12	14	13	15	15	15
	30 ppm	14	14	14	14	16	14	15	17
	90 ppm	13	13	13	12	13	12	13	12
INTERNAL MASS	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	1	1	0	1	1	0
	30 ppm	0	0	0	0	0	0	1	2
	90 ppm	0	0	0	2	3	2	2	2

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		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	1	1	1	1	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NOSE	Control	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	2	1	2	2	2	2	2	2	2	2	2	2	2	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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 ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	2	2	2	2	2	3	3	3	3	3	3	3	3	3
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
M.EAR	Control	0	0	1	1	1	1	1	0	0	0	0	0	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
M.FORLIMB	Control	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	10 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day			86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		84-7	85-7	86-7											
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	2	2	2	2
	10 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	30 ppm	3	3	3	0	3	3	3	3	3	3	3	4	4	4
	90 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
M.EAR	Control	1	1	0	0	0	0	0	1	1	1	1	2	2	2
	10 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	30 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	1	1	1	1	1	1	2	2	2
	10 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
M.NOSE	Control	1	1	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	1	1	0	0	0	0	0	1
	10 ppm	1	1	1	2	2	2	2	2
	30 ppm	4	4	4	4	4	3	3	3
	90 ppm	1	1	1	1	1	1	1	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	1	1	1
	30 ppm	0	0	0	0	0	0	0	1
	90 ppm	1	1	1	1	1	1	1	1
M.EAR	Control	2	3	3	3	1	1	1	1
	10 ppm	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	1	1	1	0
M.PERI EAR	Control	0	0	0	1	1	1	1	1
	10 ppm	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	1	1	1
M.FORLIMB	Control	2	2	1	1	1	1	1	1
	10 ppm	2	2	2	1	1	2	2	2
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	2	2	2	1	2	4	3	2	1	1	1
	10 ppm	0	0	0	1	1	1	2	2	2	2	2	1	3	3
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	1	1	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	1	1	0	1	1	1	1	0
	10 ppm	2	2	2	1	1	1	0	0	0	0	0	1	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	1	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	1	2	2	2	2	2	2	3	3	3	3	3	4	4
	10 ppm	3	3	5	4	3	4	4	4	5	4	4	4	4	4
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	1	1	1	1	1	1	1	1	0	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	2	2	2	2	2	1	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	1	1	1	1	1	1	1	1	1	2	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	2	2	1	0	1	1	0	2	2	2	1
	10 ppm	0	0	0	1	1	1	1	2	2	0	0	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	1	0	1	2	1	1	1	0	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	1	1	1	0	0	0	0



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		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.BREAST	Control	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	4	4	4	2	3	2	2	3	3	2	3	3	4	5
	10 ppm	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	30 ppm	0	0	0	1	1	1	1	1	1	0	0	0	0	0
	90 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	10 ppm	1	1	1	1	1	1	1	0	1	1	1	1	1	1
	30 ppm	2	1	1	1	1	1	1	1	1	1	1	1	1	2
	90 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	2	2	2	2	2	2	2	2	3	3
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	1	1	1	1	0	0	1	1	0	0	1	1	0	0
	10 ppm	1	1	1	1	1	1	1	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	1	1	1	1	1	1	1	0	0	2	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
M.BREAST	Control	1	1	1	0	1	1	1	1	1	1	1	1	1	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	5	5	4	0	4	4	3	3	3	3	4	4	4	4
	10 ppm	5	4	4	0	4	4	4	4	4	4	3	3	3	4
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	90 ppm	1	1	1	0	1	1	1	1	1	1	1	1	2	2
M.ANTERIOR.DORSUM	Control	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	10 ppm	1	1	1	0	1	2	2	2	2	1	1	1	1	1
	30 ppm	2	2	2	0	2	2	3	3	3	3	3	3	4	4
	90 ppm	1	1	1	0	1	1	1	2	2	2	2	2	2	3
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	1	1	2	0	2	2	2	2	2	2	2	2	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	30 ppm	3	3	3	0	3	3	2	2	2	2	2	2	2	2
	90 ppm	0	1	1	0	1	1	1	1	1	1	1	1	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	1	0	1	1	1	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	2	2	2	0	2	2	2	2	2	2	2	2	2	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
M.BREAST	Control	2	2	2	2	2	2	2	2
	10 ppm	0	0	0	1	1	1	2	2
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	1	1	1
M.ABDOMEN	Control	4	4	4	4	4	4	4	4
	10 ppm	4	4	4	4	3	3	3	4
	30 ppm	1	2	2	2	2	2	3	4
	90 ppm	2	3	3	3	3	3	3	4
M.ANTERIOR.DORSUM	Control	1	1	1	1	2	2	2	2
	10 ppm	1	1	1	1	2	2	2	1
	30 ppm	4	4	4	4	4	4	4	5
	90 ppm	3	3	3	3	3	3	3	3
M.INTERSCAPULUM	Control	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	3	3	3	3	2	2	2	2
	10 ppm	1	1	0	0	0	0	0	0
	30 ppm	2	2	2	2	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	2	2	2	2	2	2	3	3
	90 ppm	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
M.SCROTUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.SCROTUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.SCROTUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	1	1	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.SCROTUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	1	1	1	0	0	0	0	0	0	0	0	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.SCROTUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	1	1	1	1	1	2	2	2	2	2	1	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	2	2	3	2	3	2	2	2	3	3	3
	90 ppm	1	1	1	1	3	4	3	3	3	2	3	2	2	3
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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 ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.SCROTUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	1	1	2	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	1	1	1	1	0	0	0	0	0
	30 ppm	4	4	3	1	1	2	1	1	1	2	2	2	1	1
	90 ppm	2	2	3	4	4	4	2	3	3	4	5	5	5	3
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	1	1	1	1	1	1	1	1	1	1	2
	10 ppm	0	0	0	2	2	2	2	3	3	2	1	0	2	2
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	90 ppm	0	0	0	1	0	0	0	0	0	0	0	1	1	2
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	1	1	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
M.SCROTUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	1	1	1	2	2	2	2
	30 ppm	1	1	1	0	1	1	1	2	2	2	2	3	2	2
	90 ppm	3	3	3	0	3	3	3	3	3	4	4	4	5	5
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	1	1	1	0	2	2	0	1	2	2	4	5	5	3
	10 ppm	1	3	2	0	3	3	3	2	3	3	4	4	4	4
	30 ppm	2	0	0	0	2	2	1	1	2	1	1	1	1	0
	90 ppm	2	1	1	0	1	1	1	0	1	0	0	0	0	2
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	1
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
M.SCROTUM	Control	0	0	0	0	0	0	0	0
	10 ppm	1	1	1	2	2	2	2	1
	30 ppm	0	0	0	0	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0
M.TAIL	Control	1	1	1	1	1	1	1	0
	10 ppm	2	2	2	2	2	2	2	2
	30 ppm	2	2	2	2	3	2	2	2
	90 ppm	5	7	7	5	5	4	5	3
EDEMA	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	1	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
ANEMIA	Control	4	3	3	4	2	1	1	3
	10 ppm	5	5	5	3	1	2	2	1
	30 ppm	0	0	1	3	3	2	2	3
	90 ppm	0	0	0	3	3	3	4	3
JAUNDISE	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	1
ULCER	Control	1	0	0	0	0	0	0	0
	10 ppm	1	1	1	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	0
	90 ppm	0	0	0	0	0	0	0	0

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 REPORT TYPE : A1 104

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL TESTIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	0	0	0	0	0	1	1	0	1	1	1	1	0	2
	10 ppm	0	0	0	0	1	1	1	2	2	1	4	4	6	6
	30 ppm	0	0	0	0	0	0	4	0	0	5	6	3	4	6
	90 ppm	0	0	0	0	0	0	7	7	5	9	11	4	6	22
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL TESTIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	0	1	5	4	2	3	3	1	0	1	0	0	2	1
	10 ppm	7	5	4	3	4	2	3	0	0	3	0	0	1	2
	30 ppm	6	6	5	15	21	15	18	11	10	14	6	4	13	8
	90 ppm	14	14	2	16	14	8	16	11	6	13	11	3	11	17
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL TESTIS	Control	0	0	0	0	2	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	0	0	1	0	0	1	0	0	0	0	0
	90 ppm	0	0	0	0	1	1	1	0	1	1	0	1	1	1
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	1	2	0	0	1	2	1	1	5	3	4	5	5	5
	10 ppm	2	3	3	2	0	3	3	1	2	1	1	1	1	1
	30 ppm	3	5	2	20	1	1	2	5	5	10	4	5	1	6
	90 ppm	3	8	3	24	1	4	4	2	4	17	4	2	10	10
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL TESTIS	Control	0	0	0	0	0	0	1	2	3	0	0	0	0	0
	10 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	1	1	1	0	1	2	2	2	2	1	2	2
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	2	2	2	1	1	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	1	0	1	1	1	1	1	1	0	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	2	2	1	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	6	7	6	5	6	7	7	7	7	7	8	6	6	10
	10 ppm	3	4	4	5	5	4	5	4	3	3	2	3	3	5
	30 ppm	0	7	0	4	7	9	6	11	14	14	14	15	16	19
	90 ppm	5	1	1	5	7	17	17	18	15	18	16	19	24	29
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL TESTIS	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	2	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	1	1	1	1	0	1	1	1	1	1
TORTICOLLIS	Control	2	2	2	1	1	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	30 ppm	0	0	0	1	1	1	1	1	1	1	0	1	1	0
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	1	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	12	12	12	12	10	13	13	11	12	13	15	15	12	16
	10 ppm	5	6	6	7	7	8	6	7	6	11	8	8	8	8
	30 ppm	18	14	15	10	11	10	13	11	13	11	13	14	17	8
	90 ppm	28	29	23	19	18	17	19	22	26	25	28	26	28	11
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL TESTIS	Control	1	1	1	2	2	2	2	2	3	4	5	6	6	8
	10 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	6
	30 ppm	0	0	0	0	0	0	0	0	0	1	1	1	2	3
	90 ppm	1	1	1	1	3	3	3	3	3	4	4	4	8	9
TORTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	2	1	1	1
	10 ppm	1	1	1	1	1	1	1	1	1	2	1	1	1	1
	30 ppm	2	1	1	1	1	0	1	0	1	1	1	1	1	1
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	1	1	0	0	0	1	1	1	1	2
	10 ppm	0	0	0	1	2	1	0	1	2	1	0	1	2	2
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	17	20	20	0	21	20	20	23	22	22	22	21	20	21
	10 ppm	9	11	12	0	10	10	10	11	11	10	10	10	10	12
	30 ppm	16	12	14	0	13	16	17	17	19	18	19	20	21	22
	90 ppm	22	21	16	0	16	19	22	24	26	26	24	25	26	26
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	2	0	0	0	0	0
ABNORMAL TESTIS	Control	8	11	12	0	13	12	12	16	17	19	24	23	23	26
	10 ppm	5	5	8	0	8	11	11	14	14	15	21	19	18	21
	30 ppm	2	2	2	0	2	4	4	5	5	4	6	9	10	9
	90 ppm	10	8	9	0	9	9	9	9	10	9	11	11	11	10
TORTICOLLIS	Control	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	10 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	0	0	0	1	1	1	1	1	1	1	1	1	1
	90 ppm	2	1	1	0	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	2	2	2	0	2	2	2	2	2	2	2	2	2	3
	10 ppm	1	1	0	0	1	1	1	1	1	0	0	1	0	0
	30 ppm	0	0	1	0	1	3	2	2	1	0	1	1	1	0
	90 ppm	3	1	1	0	1	1	1	0	0	0	0	0	0	2
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
CRUSTA	Control	20	20	19	20	18	17	17	18
	10 ppm	11	11	12	14	14	15	15	18
	30 ppm	22	22	22	21	20	21	21	21
	90 ppm	25	27	26	29	31	30	30	29
CICATRIX	Control	0	1	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	1	0
	90 ppm	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	1	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	0
	90 ppm	0	2	1	0	1	0	0	0
ABNORMAL TESTIS	Control	21	22	21	21	19	20	20	20
	10 ppm	20	20	20	19	19	19	19	17
	30 ppm	9	9	11	9	9	9	9	12
	90 ppm	11	11	15	17	19	18	18	18
TORTICOLLIS	Control	1	1	0	0	0	0	0	0
	10 ppm	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	2	2	2	2
IRREGULAR BREATHING	Control	3	3	5	4	5	3	2	1
	10 ppm	2	2	3	2	1	1	1	1
	30 ppm	0	0	1	2	2	1	2	2
	90 ppm	0	0	0	1	2	2	3	3
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	1	0	0
	90 ppm	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRA.SOUND	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIARRHEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRA.SOUND	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIARRHEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRA.SOUND	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIARRHEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	2	2	1	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRA.SOUND	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIARRHEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	1	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRA.SOUND	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
DIARRHEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	1	1	0	0	0	1	1	1	1	2
	10 ppm	0	0	0	1	2	1	0	1	2	1	0	1	2	2
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRA.SOUND	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DIARRHEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	2	2	2	0	2	2	2	2	2	2	2	2	2	3
	10 ppm	1	1	0	0	1	1	1	1	1	0	0	1	0	0
	30 ppm	0	0	1	0	1	3	2	2	1	0	1	1	1	0
	90 ppm	3	1	1	0	1	1	1	0	0	0	0	0	0	2
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	1	1	1	0	1	1	0	1	1	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	1	1	1	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
ABNORMAL RESPIRA.SOUND	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	2	1	1	1	0	0	1	1	1	0
	90 ppm	2	1	0	0	0	1	1	0	0	0	0	0	0	1
DIARRHEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	3	3	5	4	5	3	2	1
	10 ppm	2	2	3	2	1	1	1	1
	30 ppm	0	0	1	2	2	1	2	2
	90 ppm	0	0	0	1	2	2	3	3
BRADYPNEA	Control	0	0	0	2	1	0	1	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	1	1	2	2	1	1	1
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	0
ABNORMAL RESPIRA.SOUND	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	1	0	0
	90 ppm	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	2
	90 ppm	0	0	0	1	2	0	0	1
DIARRHEA	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 2

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 74

Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOOSE STOOL	Control	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	0	0	0	0	0	0	1	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS2

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOOSE STOOL	Control	0	0	1	0	0	0	0	0	0	1	0	1	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	0	0	1	0	2	0	0
	90 ppm	0	0	0	0	0	1	0	0	0	0	1	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOOSE STOOL	Control	0	0	0	1	1	0	1	1	1	1	1	2	0	0
	10 ppm	0	0	0	0	1	0	0	0	1	0	0	0	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	2	0	0	0	0	0	0	1	1	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 77

Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOOSE STOOL	Control	1	1	1	0	0	1	0	0	0	0	0	0	0	0
	10 ppm	1	0	0	0	1	1	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	90 ppm	0	0	0	1	0	0	0	0	1	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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BAIS2



STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 78

Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOOSE STOOL	Control	0	1	0	0	0	0	0	0	0	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	1	0	0	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS2

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 79

Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
LOOSE STOOL	Control	1	0	0	0	0	0	0	0	0	0	1	1	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 2

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 80

Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
LOOSE STOOL	Control	0	0	1	0	0	0	0	0
	10 ppm	0	0	1	0	0	0	0	0
	30 ppm	0	0	0	0	0	4	0	0
	90 ppm	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	1	0	1	1	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	0	0

(HAN190)

BAIS 2

## APPENDIX A 2

CLINICAL OBSERVATION : SUMMARY, RAT : FEMALE  
(2-YEAR STUDY)

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 81

Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 82

Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 83

Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 84

Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0115  
 ANIMAL : RAT F344  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 85

Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	1	1	1	1	1	2	2	2	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	2	1	0	1	0	0	0	1	1	1	2	1	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	1	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	1	0	0	0	0	0	1	1	1	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 86

Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	1	2	2
	10 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	1	1	1	1	1	2	2	2	2
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	1	0	1	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	1	1	2	2	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	0	0	0	0	1	0	0	1	0	0	1	1
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	1	1	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	1	0	0	0	0	0	1	0	2	2	1	0	1	1

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 87

Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	3	3	3	3	3	4	4	4	4	5	5	5	5	6
MORIBUND SACRIFICE	Control	3	3	3	3	4	6	6	6	6	6	6	6	6	6
	10 ppm	1	1	1	1	2	2	2	2	2	2	3	5	5	5
	30 ppm	1	1	1	1	1	1	1	2	2	2	3	3	3	4
	90 ppm	2	2	3	3	3	4	4	4	4	4	5	5	5	5
LOCOMOTOR MOVEMENT DECR	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	1	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	1	0	0	0	2	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	1	0	1	1	1	1	1	3	3	2	2	2
	30 ppm	0	1	0	0	1	2	2	1	1	2	1	1	2	2
	90 ppm	1	1	0	0	1	0	0	0	1	1	0	1	1	2
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	1	0	0	0	2	0	0	0	0	0	0	0	1	1
	10 ppm	0	0	1	0	0	0	0	0	0	3	3	2	2	2
	30 ppm	0	0	0	0	1	2	2	1	1	2	1	1	1	1
	90 ppm	1	1	0	0	1	0	0	0	1	1	0	2	2	1

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
DEATH	Control	1	1	1	1	1	1	1	3
	10 ppm	2	3	3	4	4	6	6	7
	30 ppm	1	1	2	2	2	2	2	2
	90 ppm	6	6	6	7	7	7	7	8
MORIBUND SACRIFICE	Control	6	7	7	8	8	8	8	9
	10 ppm	5	6	6	6	6	7	7	7
	30 ppm	5	5	6	6	6	7	7	8
	90 ppm	5	6	7	7	7	7	7	7
LOCOMOTOR MOVEMENT DECR	Control	0	1	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	1	0	0
	30 ppm	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	1	1	0	0
LATERAL	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	1	1	0	0	1	1	2	2
	10 ppm	2	2	2	2	2	1	0	0
	30 ppm	1	2	1	0	1	2	2	2
	90 ppm	2	1	1	1	1	1	1	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
WASTING	Control	1	1	0	0	1	3	3	2
	10 ppm	3	2	2	2	2	1	0	0
	30 ppm	0	1	0	0	1	2	2	2
	90 ppm	1	1	1	1	1	1	1	0

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLORED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	1	0	0	0	3	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	30 ppm	0	0	0	0	0	0	0	0	1	0	0	0	2	0
	90 ppm	0	0	0	0	0	0	0	0	5	0	0	0	0	0

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ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLORED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	1	0	2	1	0	1	1	1	5	3	3	4	4
	90 ppm	0	0	0	0	0	0	2	1	0	1	1	2	1	0
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	1	3	1	1	0	0	7	6	10	11	1	11	1	0
	10 ppm	2	2	2	0	0	0	7	5	7	7	1	5	0	0
	30 ppm	1	2	0	4	0	0	2	1	2	3	4	2	0	0
	90 ppm	0	0	2	1	0	0	1	0	2	1	1	0	0	0

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 ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLORED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	2	0	0	2	1	1	0	1	0	0
	10 ppm	0	0	0	0	3	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	1	0	1	2	2	1	1	1	3	4
	10 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	2
	30 ppm	4	2	1	3	4	0	5	3	2	2	3	2	3	15
	90 ppm	0	0	1	1	2	1	2	2	1	2	3	2	3	6
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	5	1
	10 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	2	3	1	11	6	10	16	14	3	5	22	9	11
	10 ppm	0	1	7	5	18	8	8	16	14	0	2	23	11	0
	30 ppm	4	3	2	0	0	7	1	2	3	1	2	4	9	3
	90 ppm	2	1	1	1	1	3	1	0	0	0	1	0	2	2

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 ANIMAL : RAT F344  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLORED	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	3	0	0	0	10	0	0	0	0	0	0	0	0	0
	90 ppm	3	0	0	0	5	0	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	7	4	2	5	6	4	3	3	4	6	5	9	7	6
	10 ppm	2	2	2	1	5	1	1	1	3	4	4	4	4	7
	30 ppm	5	6	10	26	6	7	11	11	7	15	13	11	10	10
	90 ppm	5	3	3	6	5	4	5	3	4	4	6	4	5	8
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	3	0	1	3	2	2	0	6	0	1	1	3	1
	10 ppm	0	0	0	0	3	0	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	3	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	7	3	2	3	1	16	3	6	8	2	5	7	11	18
	10 ppm	3	0	7	2	13	14	11	2	0	4	2	15	14	13
	30 ppm	4	1	5	2	4	2	3	1	3	3	0	0	0	9
	90 ppm	1	1	1	2	1	1	2	0	0	2	2	0	0	1



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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		56-7	57-7	58-7												
		1	1	1		1	1	1	1	1	1	1	1	1	1	1
SOILED	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
COLORED	Control	0	0	0		0	0	1	0	0	0	0	0	0	0	0
	10 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
PILOERECTOR	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0		0	0	0	0	0	0	1	1	3	0	0
LOSS OF HAIR	Control	6	5	6		7	8	9	8	9	9	9	11	11	10	12
	10 ppm	8	8	9		9	11	11	10	10	10	11	11	14	10	17
	30 ppm	11	20	13		12	12	10	14	19	19	23	23	25	17	27
	90 ppm	5	10	14		12	17	13	13	15	14	15	17	19	16	19
TRAUMA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0		0	0	0	1	0	0	0	0	0	0	0
	90 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	6	2	1		1	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0		0	0	1	0	0	0	0	0	0	0	0
	30 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	4
	90 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	2
LACRYMATION	Control	1	14	16		13	4	7	7	11	9	3	12	10	0	4
	10 ppm	3	13	20		11	5	32	12	7	9	2	13	6	4	4
	30 ppm	0	7	0		2	4	0	0	4	2	7	5	4	7	7
	90 ppm	0	2	2		1	4	0	1	0	1	3	3	1	2	4

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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLORED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	0	0	0	0	0	0	0	0	1	2	2	1	1
	10 ppm	3	0	2	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	1	2	0	0	0	0	0	1	1
LOSS OF HAIR	Control	16	19	20	23	23	22	23	20	19	24	26	25	22	21
	10 ppm	17	20	23	23	22	23	23	20	21	22	23	21	22	21
	30 ppm	29	27	27	27	26	26	28	26	22	24	26	24	27	35
	90 ppm	19	19	20	24	24	27	29	29	28	30	31	29	29	30
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	1	0	2	0	1	0	0	0	0	0	0	2	1	0
	10 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	3	8	2	0	7	13	9	1	9	7	3	9	7	8
	10 ppm	1	4	3	1	8	7	13	1	4	5	1	7	3	11
	30 ppm	4	6	6	3	1	3	5	1	5	0	3	4	1	7
	90 ppm	1	1	8	1	0	1	2	1	3	1	4	1	3	1

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CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
COLORED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	0	2	0	2	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	1	0	0	0	0	1	0	0	2	1	2	2
	30 ppm	0	1	0	0	1	2	2	1	2	2	1	1	1	2
	90 ppm	1	2	1	0	2	0	0	0	1	1	0	0	0	1
LOSS OF HAIR	Control	21	26	25	0	25	24	22	21	19	19	20	21	23	22
	10 ppm	23	26	27	0	26	26	27	25	25	21	23	25	27	27
	30 ppm	29	29	29	0	30	32	33	32	33	32	30	29	33	32
	90 ppm	29	30	28	0	28	29	30	30	31	31	29	29	30	30
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	7	1	1	0	1	0	0	0	0	0	0	1	2	0
	10 ppm	5	0	0	0	0	0	0	1	1	1	1	0	1	0
	30 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
LACRYMATION	Control	1	1	1	0	1	8	9	1	5	1	7	6	5	7
	10 ppm	1	0	1	0	1	4	3	1	7	4	4	6	5	6
	30 ppm	0	4	2	0	2	2	8	3	3	5	3	6	2	1
	90 ppm	1	1	1	0	3	3	4	2	1	3	1	4	1	2

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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
SOILED	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	1	0
	90 ppm	0	0	0	0	0	0	0	0
COLORED	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
PILOERECTION	Control	2	2	2	1	3	3	4	2
	10 ppm	4	2	2	2	2	1	0	0
	30 ppm	1	1	1	1	2	1	1	1
	90 ppm	1	1	0	1	1	1	1	0
LOSS OF HAIR	Control	24	24	23	23	23	22	23	22
	10 ppm	27	28	27	24	24	22	21	20
	30 ppm	30	29	27	30	30	29	29	28
	90 ppm	30	29	28	27	27	27	27	25
TRAUMA	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	1	2	1	1	1	1	2	2
	10 ppm	2	0	0	1	1	0	0	0
	30 ppm	0	0	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	0
LACRYMATION	Control	7	5	5	4	5	8	10	2
	10 ppm	2	6	6	4	4	3	5	2
	30 ppm	1	1	1	1	2	6	5	3
	90 ppm	2	4	2	1	3	4	1	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
GUM	Control	0	1	0	1	0	0	1	1	5	2	0	7	4	4
	10 ppm	0	1	0	0	0	0	2	0	5	0	2	4	0	1
	30 ppm	0	0	0	0	0	0	1	0	0	2	2	0	0	0
	90 ppm	0	0	0	0	0	0	1	0	3	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	1	1	3	0	0	0	1	0	0	1	3
	10 ppm	0	0	0	0	0	1	0	0	0	0	2	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0	1	1	1	1	2	2	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	1	1	1	1	1	0	1	1
CATARACT	Control	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	0	0	0	0	1	0	1	3	5	2	16	15	6	10
	10 ppm	0	0	0	0	0	0	5	2	0	1	11	12	5	8
	30 ppm	0	0	1	0	0	3	4	0	0	6	0	0	6	8
	90 ppm	0	0	1	0	0	1	1	0	0	1	0	0	2	2

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
GUM	Control	1	1	6	3	8	4	1	0	1	2	7	4	10	6
	10 ppm	1	1	2	0	14	1	0	0	0	0	1	2	2	2
	30 ppm	0	1	3	0	1	3	0	0	1	0	0	4	1	4
	90 ppm	0	0	1	0	1	1	0	0	0	0	0	0	0	1
EYE HEMORRHAGIC DISCHA	Control	5	5	9	7	4	7	3	7	7	7	0	3	7	2
	10 ppm	2	0	5	3	3	2	2	2	1	4	0	0	6	6
	30 ppm	0	0	0	0	1	0	0	2	0	0	0	1	0	3
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	2	2	3	2	1	1	2	1	1	1	1	2	1	1
	10 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CATARACT	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	1	1	2	1	0	0	1	0	0	0	0	1	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	4	8	20	21	9	24	21	9	15	30	31	32	15	32
	10 ppm	7	4	16	15	6	16	18	11	16	27	31	32	33	34
	30 ppm	0	10	2	10	9	5	12	13	13	22	21	21	31	6
	90 ppm	0	2	0	2	0	0	3	7	2	4	5	3	12	0

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
GUM	Control	5	7	4	5	8	2	1	5	9	6	4	6	7	11
	10 ppm	4	5	3	4	10	1	3	1	5	7	2	2	2	1
	30 ppm	3	3	1	4	3	5	2	0	1	7	4	0	3	5
	90 ppm	1	0	1	2	1	0	1	0	0	3	2	0	0	0
EYE HEMORRHAGIC DISCHA	Control	5	2	1	1	9	2	4	0	5	4	4	3	2	0
	10 ppm	3	0	1	3	2	1	4	0	2	0	2	0	2	0
	30 ppm	0	3	1	4	0	0	3	1	1	2	1	2	2	1
	90 ppm	0	0	0	1	0	0	0	1	0	2	0	0	0	0
EYE OPACITY	Control	1	1	1	1	1	1	1	1	1	1	2	2	2	2
	10 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	2	2	2	2	2	1	1
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CATARACT	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10 ppm	1	1	1	1	0	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	1	1	1	1	1	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	1	1	1	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	38	38	38	39	44	46	44	47	34	44	44	47	47	49
	10 ppm	37	39	38	42	47	44	45	44	42	45	40	48	48	47
	30 ppm	23	30	30	28	28	35	4	41	38	43	44	48	46	46
	90 ppm	4	13	19	18	14	26	1	27	18	36	32	40	31	33



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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
GUM	Control	5	8	4	6	3	7	6	2	3	1	6	7	2	5
	10 ppm	6	5	4	4	5	9	6	0	2	1	3	1	0	6
	30 ppm	1	3	4	0	3	2	2	1	6	1	3	3	4	11
	90 ppm	1	1	4	0	0	1	2	2	0	0	3	3	0	4
EYE HEMORRHAGIC DISCHA	Control	8	2	0	0	0	2	2	0	3	1	0	0	2	0
	10 ppm	11	0	1	0	1	1	0	0	0	2	0	0	1	2
	30 ppm	0	0	6	0	0	1	4	2	5	0	1	1	0	3
	90 ppm	0	0	2	0	0	1	2	1	1	1	3	1	0	0
EYE OPACITY	Control	2	2	3	4	3	3	3	3	3	3	4	5	6	6
	10 ppm	1	1	2	2	2	2	2	2	1	1	1	1	1	1
	30 ppm	1	1	1	2	2	2	2	2	2	2	2	2	2	2
	90 ppm	1	1	1	1	2	2	2	2	2	3	3	4	4	4
CATARACT	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	10 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	2	2	2	2	2	2	2	2	2	2
CORNEAL OPACITY	Control	1	0	1	2	1	1	1	1	1	1	2	3	3	4
	10 ppm	0	0	1	1	1	1	1	1	0	0	0	0	0	0
	30 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	1	0	0	0	0	1	1	2	2	2
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	48	50	50	47	49	50	49	49	50	50	50	50	50	50
	10 ppm	47	48	48	47	49	49	49	50	50	50	50	50	50	50
	30 ppm	46	38	49	49	49	48	50	49	50	49	49	47	49	50
	90 ppm	28	26	43	24	36	42	44	43	47	38	46	44	43	46

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
GUM	Control	5	11	8	3	9	0	0	3	8	12	2	12	8	5
	10 ppm	8	7	5	1	5	0	0	1	3	4	1	4	2	1
	30 ppm	2	0	0	0	0	3	7	2	1	0	3	0	1	2
	90 ppm	1	0	0	0	0	3	4	1	0	0	1	0	1	0
EYE HEMORRHAGIC DISCHA	Control	3	0	8	1	0	0	0	5	0	1	4	0	0	0
	10 ppm	5	0	6	0	0	0	0	4	0	0	1	0	0	0
	30 ppm	0	0	0	2	2	1	0	3	0	0	0	0	1	1
	90 ppm	1	0	0	2	1	1	0	1	0	2	0	0	0	0
EYE OPACITY	Control	6	6	6	6	6	6	5	8	6	7	7	9	9	7
	10 ppm	2	2	2	2	2	2	2	2	1	1	1	1	1	1
	30 ppm	2	2	2	2	2	2	2	2	2	3	3	3	4	2
	90 ppm	4	4	4	4	4	4	4	4	4	5	5	4	5	3
CATARACT	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	10 ppm	1	1	0	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CORNEAL OPACITY	Control	4	4	4	4	4	4	3	6	5	6	6	8	8	6
	10 ppm	1	1	2	1	1	1	1	1	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	2	2	2	3	1
	90 ppm	2	2	2	2	2	2	2	2	2	3	3	2	3	1
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	47	50	50	50	50	50	50	50	50	48	49	50	47	48
	10 ppm	50	50	49	50	49	50	50	50	49	49	48	48	48	48
	30 ppm	50	50	50	50	50	50	50	50	50	50	50	50	49	49
	90 ppm	46	46	46	46	46	46	46	46	46	46	45	45	45	43

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
GUM	Control	5	2	3	0	5	4	8	6	2	2	2	5	8	8
	10 ppm	1	0	2	0	1	3	3	5	4	7	3	3	4	3
	30 ppm	0	7	1	0	2	1	1	1	1	1	0	0	0	0
	90 ppm	0	5	0	0	2	1	2	2	2	1	1	1	2	3
EYE HEMORRHAGIC DISCHA	Control	1	3	3	0	5	1	1	5	2	2	2	0	1	0
	10 ppm	1	4	1	0	2	0	1	4	3	2	3	0	0	2
	30 ppm	1	0	0	0	0	1	0	1	2	1	0	1	2	2
	90 ppm	0	0	0	0	0	1	0	3	1	1	1	2	0	0
EYE OPACITY	Control	7	7	7	0	7	7	7	9	9	9	10	10	10	10
	10 ppm	1	1	1	0	1	1	1	2	2	2	3	2	2	5
	30 ppm	2	3	3	0	3	3	3	3	3	3	2	4	4	5
	90 ppm	6	5	4	0	4	6	6	6	6	6	6	7	7	7
CATARACT	Control	2	2	2	0	2	2	2	2	2	2	2	2	2	2
	10 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	0	1	1	1	1	1	1	0	0	0	0
	90 ppm	2	2	2	0	2	2	2	2	2	2	2	2	2	2
CORNEAL OPACITY	Control	6	5	6	0	6	6	6	8	8	8	9	9	9	9
	10 ppm	0	0	0	0	0	0	0	1	1	1	2	1	1	4
	30 ppm	1	2	2	0	2	2	2	2	2	2	2	4	4	5
	90 ppm	4	3	2	0	2	4	4	4	4	4	4	5	5	5
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	48	47	47	0	46	44	44	44	44	44	44	44	44	43
	10 ppm	48	48	48	0	47	47	47	47	46	46	45	43	43	43
	30 ppm	49	47	49	0	49	49	49	48	48	48	47	46	47	46
	90 ppm	44	44	43	0	43	41	41	41	41	40	39	39	39	38

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day			100-7	101-7	102-7	103-7	104-7
		97-7	98-7	99-7					
		1	1	1	1	1	1	1	1
GUM	Control	7	7	6	8	6	5	6	6
	10 ppm	4	3	2	2	3	2	2	1
	30 ppm	0	0	0	0	1	0	0	0
	90 ppm	3	3	2	1	1	1	1	1
EYE HEMORRHAGIC DISCHA	Control	1	1	2	3	2	3	1	2
	10 ppm	5	1	0	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	1
EYE OPACITY	Control	10	10	10	11	11	15	15	16
	10 ppm	5	5	5	6	6	6	5	6
	30 ppm	5	5	5	6	6	5	5	5
	90 ppm	7	6	6	6	6	6	6	6
CATARACT	Control	2	2	2	2	2	2	2	2
	10 ppm	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	2	2	2	2	2	2	2	2
CORNEAL OPACITY	Control	9	9	9	10	10	15	15	16
	10 ppm	4	4	4	5	5	5	4	5
	30 ppm	5	5	5	6	6	5	5	5
	90 ppm	5	4	4	4	4	4	4	4
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
SORE OF SOLE	Control	43	43	42	41	41	41	40	39
	10 ppm	43	41	41	40	40	38	37	36
	30 ppm	45	44	42	42	42	41	41	41
	90 ppm	38	37	36	35	35	35	35	34

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 ANIMAL : RAT F344  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	1	1	0	0	0	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEFECT OF TEETH	Control	1	1	1	1	0	1	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	2
	30 ppm	0	2	1	3	1	2	4	5	4	4	4	4	3	3
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0115  
 ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	1	1	1	1	1	2	2	2	2	3	3	3	3
	10 ppm	2	2	2	2	2	2	2	2	2	2	2	3	2	2
	30 ppm	2	2	2	2	3	4	3	3	3	2	2	2	2	2
	90 ppm	0	0	0	0	1	3	3	3	3	3	3	3	3	3
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	3	3	3	3	3	3	2	3	4	5	5	4	4	6
	10 ppm	2	2	2	3	2	2	2	3	2	3	2	3	3	3
	30 ppm	2	2	2	2	2	2	2	2	2	2	2	3	4	5
	90 ppm	3	3	4	4	3	3	4	4	6	6	8	8	7	5
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	10 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	1	1	1	1	1	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	1	1	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0	0	0	1	1	1	0	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
DEPECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	7	6	6	0	6	6	6	7	6	7	7	7	8	9
	10 ppm	3	3	3	0	3	4	4	5	5	5	7	5	5	5
	30 ppm	4	4	4	0	8	9	9	8	10	10	11	12	12	12
	90 ppm	5	4	4	0	5	4	5	5	5	4	4	6	6	6
INTERNAL MASS	Control	1	1	1	0	0	0	0	0	0	1	1	1	1	2
	10 ppm	0	0	1	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	1	1	0	1	0	0	1	1	1	0	0	1	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	0
	30 ppm	1	1	0	0	1	2	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	1	1	0	0	1	1	1
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	1	2	2	0	2	2	2	2	2	2	2	2	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	10	11	11	10	11	11	12	12
	10 ppm	5	4	5	5	5	8	7	7
	30 ppm	12	13	12	13	14	14	15	14
	90 ppm	6	5	6	7	7	7	6	8
INTERNAL MASS	Control	2	2	2	1	3	3	3	3
	10 ppm	1	0	0	0	0	1	1	1
	30 ppm	1	1	1	3	3	2	2	2
	90 ppm	0	1	1	1	1	1	1	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	1	2	3
M.ORAL CAVITY	Control	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
M.MANDIBULAR	Control	2	2	2	1	1	1	1	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	0	0	0	1	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	1	1	1	0	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	1	1	1	1	1	2	2	2	2	2	2	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	1	1	1	1	1	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.BREAST	Control	1	1	1	1	1	1	1	1	1	1	0	1	1	1
	10 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
M.ABDOMEN	Control	2	2	2	2	2	1	1	2	2	1	2	1	1	3
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
M.EAR	Control	0	2	1	0	1	1	1	1	1	1	1	1	2	2
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	2	0	1	0	1	1	1	1	1	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
M.BREAST	Control	1	0	0	0	0	0	0	1	0	0	0	0	0	1
	10 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	0	1	1	1	1	1	1	2	2	2	2
	90 ppm	1	1	1	0	1	0	0	0	0	0	0	0	1	1
M.ABDOMEN	Control	3	3	3	0	3	3	3	3	3	3	3	3	3	3
	10 ppm	0	0	0	0	0	1	1	2	2	2	2	0	0	0
	30 ppm	0	0	0	0	0	0	1	1	2	2	2	5	5	5
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
M.EAR	Control	2	2	2	2	2	2	2	2
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	1	1	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	1	1	1
M.BREAST	Control	2	3	3	3	3	3	4	4
	10 ppm	1	1	1	1	1	1	1	3
	30 ppm	2	2	2	2	2	2	2	2
	90 ppm	1	1	1	1	1	1	1	1
M.ABDOMEN	Control	3	3	3	3	3	4	4	4
	10 ppm	0	0	1	0	0	2	2	2
	30 ppm	5	5	4	5	6	6	6	6
	90 ppm	0	0	1	2	2	2	2	2
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0

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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	1	1	1	0	1	1	2	2	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	30 ppm	0	1	0	2	0	1	2	2	1	2	2	2	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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ANIMAL : RAT F344  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
M.ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	10 ppm	1	1	1	1	1	1	1	1	1	1	1	1	0	0
	30 ppm	0	0	0	0	1	2	1	1	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	1	1	1	1	2	2	2	2
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	1	1	1	0	0	0	1	0	1	0	1	1	1
	30 ppm	1	1	0	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	90 ppm	1	1	1	1	1	1	2	2	3	3	3	3	3	3
M.ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
M.TAIL	Control	1	1	1	1	1	1	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	2	2	3	3	2	2	2	2	3	2	4	4	3	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	1	1	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	90 ppm	0	0	0	0	2	0	0	1	1	2	1	1	1	2

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	1	2	2	0	2	2	2	2	2	2	2	2	2	3
	30 ppm	2	2	2	0	5	5	5	4	4	4	4	4	4	4
	90 ppm	2	2	2	0	2	2	2	2	2	2	2	2	2	2
M.ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	1	1	1	0	0	0
	90 ppm	2	1	1	0	1	1	1	1	1	1	1	2	2	2
ANEMIA	Control	1	1	2	0	1	0	0	0	0	0	0	0	1	1
	10 ppm	0	1	1	0	0	0	0	1	0	1	1	0	0	0
	30 ppm	0	0	0	0	1	1	1	0	1	2	1	1	1	1
	90 ppm	1	0	2	0	3	1	2	2	2	3	3	2	2	1

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Clinical sign	Group Name	Administration Week-day							
		97-7	98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	2
	90 ppm	0	0	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0	0	0
	10 ppm	1	1	1	1	1	1	1	0
	30 ppm	0	0	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	1	1	1	2
	10 ppm	3	2	2	3	3	3	2	2
	30 ppm	4	4	3	3	3	3	3	4
	90 ppm	2	1	1	1	1	1	0	0
M.ANUS	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	1	2	2	2	2	3	1
	90 ppm	2	2	2	2	2	2	2	3
ANEMIA	Control	1	2	3	1	2	3	2	0
	10 ppm	2	0	0	0	0	0	0	0
	30 ppm	1	2	1	3	3	3	2	1
	90 ppm	1	0	0	0	1	1	1	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQUAMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	1	4	4	1	3	12	10	9	11
	10 ppm	0	0	0	4	2	6	4	7	6	2	13	12	14	14
	30 ppm	0	0	0	0	0	0	12	11	9	20	19	14	12	22
	90 ppm	0	0	0	0	3	3	10	7	1	12	11	2	11	17
SQUAMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	5	7	10	9	9	6	5	2	1	6	0	9	4	4
	10 ppm	15	12	11	9	10	10	6	3	1	8	3	9	6	9
	30 ppm	21	23	10	23	26	26	25	21	20	22	19	13	22	15
	90 ppm	16	16	8	17	12	10	16	15	14	16	12	9	20	15
SQUAMA	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	1	0	0	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	2	2	2
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	1	0	1	1	1	1	1	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	4	5	2	3	5	7	4	2	7	2	3	5	3	2
	10 ppm	9	10	9	12	2	14	8	11	11	9	9	10	9	9
	30 ppm	14	21	12	27	4	13	11	16	9	22	15	10	10	16
	90 ppm	9	16	10	21	1	9	9	9	10	13	13	9	12	11
SQUAMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	0	1	1	1	1	1	1	1	1	1	1	1
	10 ppm	1	1	1	1	0	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	1	1	1	0	0	1	1	1	1	1	0	1
	90 ppm	1	1	2	2	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	6	4	6	6	6	6	8	6	5	4	4	5	3	8
	10 ppm	12	14	14	16	16	13	14	13	11	12	12	12	10	11
	30 ppm	11	8	4	12	22	27	23	29	30	33	35	34	34	34
	90 ppm	7	4	4	9	12	16	16	18	27	24	25	25	23	24
SQUAMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1	1	2	2	2	1	2	2	2
	10 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	0	1	1	1	1	1
	90 ppm	1	1	1	1	1	1	1	1	1	1	2	2	1	2
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	2	1	1	0	0

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	6	10	8	8	8	8	8	6	7	6	4	5	3	5
	10 ppm	14	14	18	13	13	14	13	9	9	6	7	9	6	8
	30 ppm	34	32	28	20	21	17	20	20	24	23	21	21	20	15
	90 ppm	22	20	18	14	16	13	13	16	19	18	14	18	18	7
SQUAMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	2	2	2	2	1	2	2	2	2	2	2	2	3	2
	10 ppm	2	2	2	2	2	2	2	2	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	2	2	1	2	3	2	3	3	3	2	3	3	4	3
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	1	1	2	1	1
	10 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	1	1	2	1	1	2	2

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	6	5	7	0	8	7	7	7	7	6	6	6	6	6
	10 ppm	6	6	8	0	8	7	7	7	7	7	7	7	6	7
	30 ppm	13	11	11	0	11	12	12	12	12	12	11	13	13	13
	90 ppm	8	9	4	0	4	4	5	5	5	5	3	3	3	3
SQUAMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	1	0	0	1	1	1	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	2	1	2	0	2	2	2	2	2	2	2	2	2	2
	10 ppm	1	1	1	0	1	1	1	1	1	1	2	2	2	2
	30 ppm	1	1	1	0	1	1	1	2	2	2	1	1	1	1
	90 ppm	4	4	1	0	1	3	3	3	4	4	4	4	4	4
IRREGULAR BREATHING	Control	1	1	1	0	2	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	1	0	0	0	0	3	2	5	4	2	2	3
	30 ppm	0	0	0	0	1	1	1	0	0	1	1	1	2	2
	90 ppm	2	2	2	0	3	1	1	1	2	2	1	1	1	1

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day					100-7	101-7	102-7	103-7	104-7
		97-7	98-7	99-7							
		1	1	1			1	1	1	1	1
JAUNDISE	Control	0	0	0			0	0	1	1	1
	10 ppm	0	0	0			0	0	0	0	0
	30 ppm	0	0	0			0	1	0	1	1
	90 ppm	0	0	0			0	0	0	0	0
ULCER	Control	0	0	0			0	0	0	0	0
	10 ppm	0	0	0			0	0	0	0	0
	30 ppm	0	0	0			0	0	0	0	0
	90 ppm	0	0	0			0	0	0	0	0
CRUSTA	Control	6	6	5			4	4	6	6	6
	10 ppm	6	6	6			7	5	5	5	5
	30 ppm	13	15	15			16	17	17	17	19
	90 ppm	3	3	2			3	3	3	3	4
SQUAMA	Control	0	0	0			0	0	0	0	0
	10 ppm	0	0	0			0	0	0	0	0
	30 ppm	0	0	0			0	0	0	0	0
	90 ppm	0	0	0			0	0	0	0	0
HEMORRHAGE	Control	0	0	1			3	1	1	0	0
	10 ppm	0	0	0			1	0	0	0	0
	30 ppm	0	0	1			0	0	1	0	0
	90 ppm	0	0	0			0	1	1	0	0
TORTICOLLIS	Control	3	3	2			2	2	2	2	2
	10 ppm	2	2	2			1	1	1	1	1
	30 ppm	1	1	1			1	1	1	1	1
	90 ppm	4	4	4			3	3	3	3	3
IRREGULAR BREATHING	Control	1	1	1			0	1	1	2	2
	10 ppm	4	2	2			2	2	1	0	0
	30 ppm	0	1	1			0	2	1	1	1
	90 ppm	2	3	2			2	2	2	1	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		2	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALIVATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALIVATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	3	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALIVATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	3	0	0	0	10	0	0	0	0	0	0	0	0	0
	90 ppm	2	0	0	1	7	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALIVATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0



STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 141

Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	2	1	1	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALIVATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	1	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 142

Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	1	1	2	1	1
	10 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	1	1	2	1	1	2	2
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALIVATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 143

Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7
		1	1	1	2	1	1	1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	1	1	1	0	2	0	0	0	0	0	0	0	1	0
	10 ppm	0	0	1	0	0	0	0	3	2	5	4	2	2	3
	30 ppm	0	0	0	0	1	1	1	0	0	1	1	1	2	2
	90 ppm	2	2	2	0	3	1	1	1	2	2	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10 ppm	0	0	1	0	0	0	0	0	0	0	1	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	1	0	1	0	0	1	1	1	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	0	0	1	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SALIVATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0115  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 144

Clinical sign	Group Name	Administration Week-day			100-7	101-7	102-7	103-7	104-7
		97-7	98-7	99-7					
		1	1	1	1	1	1	1	1
ABNORMAL RESPIRATION	Control	1	1	1	0	1	1	2	2
	10 ppm	4	2	2	2	2	1	0	0
	30 ppm	0	1	1	0	2	1	1	1
	90 ppm	2	3	2	2	2	2	1	0
BRADYPNEA	Control	0	1	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	1	0	0
	30 ppm	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	0	0	1	1	1
	90 ppm	0	0	1	1	1	1	1	0
YELLOW URINE	Control	1	0	1	0	0	1	1	1
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	2	0	1	1
	90 ppm	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	1	0	0	0	0	0	1
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	1	0	0	0	0	0	0
	10 ppm	0	1	0	0	0	1	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0
SALIVATION	Control	0	0	0	0	0	0	0	0
	10 ppm	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0

## APPENDIX A 3

CLINICAL OBSERVATION : SUMMARY, MOSUE : MALE

(2-YEAR STUDY)

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 1

Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 2

Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	2	4	4	4	4	4	4	4	4	4	4	4	4
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	2	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 3

Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	1	1	1	2	2	2	2
	90 ppm	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	1	1	1	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 4

Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	30 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	90 ppm	4	4	4	5	5	5	5	5	5	5	5	5	5	5
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	30 ppm	2	2	2	2	2	2	2	2	2	2	2	3	3	3
	90 ppm	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	2	1	1	1	1	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	1	0	1	1	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	5 ppm	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	30 ppm	4	4	4	4	4	5	5	5	5	5	5	5	5	5
	90 ppm	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	1	0	0	0	0	1	1	2	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	1	1	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	0	0	0	1	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	2	4	4	4	4	4	4	4	5	5	5	5	6	6
	5 ppm	3	3	3	3	3	3	4	4	5	6	6	6	6	6
	30 ppm	5	5	6	6	6	6	6	6	6	7	7	7	7	7
	90 ppm	5	5	6	6	6	6	7	7	7	8	8	9	9	10
MORIBUND SACRIFICE	Control	0	0	0	2	2	2	2	2	2	2	2	2	3	5
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	2	1	2	1	1	1	1	1	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	0
	5 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
DEATH	Control	6	7	7	7	7	7	8
	5 ppm	6	7	8	8	9	10	10
	30 ppm	8	8	8	8	9	9	10
	90 ppm	10	10	10	11	12	12	12
MORIBUND SACRIFICE	Control	5	8	8	9	9	9	9
	5 ppm	1	1	1	1	1	1	2
	30 ppm	1	1	1	2	3	3	4
	90 ppm	0	1	1	1	1	1	1
PRONE	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
LATERAL	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0
	5 ppm	1	0	0	0	1	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	1	1	1	0	1	0	0	0	0	0	0
	90 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	1	0	0	0	0	4	2	4	1	0	0	16
	5 ppm	0	1	3	0	0	0	0	2	4	3	4	4	0	12
	30 ppm	0	1	2	1	0	3	0	6	4	2	0	0	1	1
	90 ppm	0	3	5	12	7	1	0	11	6	3	0	1	1	2
LOSS OF HAIR	Control	0	0	2	4	5	8	9	12	17	19	20	19	20	19
	5 ppm	0	2	3	5	4	4	5	6	7	10	17	18	18	14
	30 ppm	0	0	2	6	6	6	6	10	14	16	17	17	14	15
	90 ppm	0	1	1	5	10	9	6	14	13	17	14	16	17	20

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	0	0	0	1	0	2	1	0	1	1	0	1	0	3
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	30 ppm	0	0	0	0	0	0	0	1	2	0	0	0	0	2
	90 ppm	0	0	0	0	0	0	0	1	1	0	1	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	2	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	1	0	0	1	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	0	0	0	2	2	0	4	0	0	0	0	0	0
	5 ppm	0	0	3	0	2	1	0	0	0	1	0	0	0	0
	30 ppm	0	0	3	4	1	2	9	6	3	4	9	2	8	1
	90 ppm	5	0	5	6	3	11	8	12	8	2	14	15	11	0
LOSS OF HAIR	Control	17	14	22	18	19	22	25	35	23	39	24	26	26	22
	5 ppm	17	13	16	13	18	20	28	26	24	30	29	24	23	25
	30 ppm	14	15	13	15	18	19	19	20	21	28	22	24	22	25
	90 ppm	17	15	13	20	20	17	19	18	24	24	28	25	27	32

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	7	5	9	6	9	5	13	3	8	11	11	16	19	9
	5 ppm	1	1	2	2	3	0	2	2	3	0	3	0	5	4
	30 ppm	0	3	1	0	1	1	2	3	2	2	2	4	5	6
	90 ppm	0	2	0	0	0	0	2	0	1	0	0	1	3	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	1	3	2	1	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	1	0	1	0	0	0	0	1	1	0	0	0
	30 ppm	4	6	1	1	1	1	4	0	0	0	0	0	1	0
	90 ppm	15	18	0	0	0	0	0	0	1	0	1	0	1	1
LOSS OF HAIR	Control	30	28	29	20	26	27	26	19	24	24	23	23	23	24
	5 ppm	27	31	30	25	31	34	33	32	33	32	35	33	37	35
	30 ppm	25	30	24	22	23	23	27	23	25	26	26	26	23	23
	90 ppm	32	34	30	29	27	26	29	27	29	30	29	33	33	33



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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	14	11	21	17	15	13	15	8	15	15	21	25	13	21
	5 ppm	9	8	8	6	8	4	9	11	9	8	15	26	12	22
	30 ppm	3	6	2	5	3	5	5	7	16	10	23	10	9	11
	90 ppm	0	4	0	5	3	6	2	5	9	6	13	6	4	7
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
PILOERECTION	Control	0	0	0	1	0	0	0	0	1	0	0	2	0	1
	5 ppm	2	0	0	0	0	0	2	0	1	1	0	0	0	0
	30 ppm	0	0	0	0	1	1	0	0	2	1	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	1	0	0	0	1	0	0
LOSS OF HAIR	Control	25	26	26	27	26	27	28	29	27	28	27	27	27	23
	5 ppm	36	35	35	36	34	35	34	34	32	30	30	29	31	31
	30 ppm	24	24	26	27	27	30	26	28	28	28	28	28	28	28
	90 ppm	32	34	32	31	32	33	32	34	34	32	29	28	30	32

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	29	13	7	17	22	21	22	6	15	22	12	19	21	23
	5 ppm	21	7	7	20	24	17	21	2	11	19	8	17	23	24
	30 ppm	6	9	24	10	6	22	9	15	18	7	11	13	17	23
	90 ppm	3	7	13	4	8	14	6	7	8	5	7	10	9	11
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	2	1	1	1	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	1	1	3	3	3	2	3	3	2	3	4
	90 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	19	23	22	24	24	24	16	15	16	15	14	13	15	15
	5 ppm	27	30	26	29	29	30	24	22	24	22	20	20	25	26
	30 ppm	28	28	28	27	29	27	28	28	29	30	29	28	21	21
	90 ppm	32	33	33	29	30	29	28	28	29	29	29	29	24	24

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCITEMENT	Control	0	0	1	1	1	1	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	26	25	20	6	12	3	22	7	14	12	15	16	25	26
	5 ppm	24	26	22	0	3	1	12	6	11	13	20	20	28	24
	30 ppm	23	19	23	21	17	19	10	6	5	3	22	27	20	26
	90 ppm	14	15	18	15	16	14	1	1	0	0	16	17	17	20
WASTING	Control	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	4	1	1	1	2	3	3	4	4	6	6	6	5	4
	5 ppm	0	0	0	0	0	1	0	0	1	1	1	0	1	0
	30 ppm	3	1	2	2	2	1	2	1	1	1	1	0	0	0
	90 ppm	0	0	0	0	1	1	0	0	1	0	0	0	0	1
LOSS OF HAIR	Control	14	14	14	14	14	14	15	15	14	16	16	11	13	8
	5 ppm	27	25	24	25	22	22	24	24	24	24	25	20	21	17
	30 ppm	22	20	20	22	22	21	20	19	17	17	11	12	12	12
	90 ppm	27	22	23	24	23	23	23	22	22	22	21	20	17	17

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	25	30	26	13	18	22	19	27	24	20	22	20	22	27
	5 ppm	26	37	26	18	20	27	28	29	25	26	28	19	28	31
	30 ppm	22	21	19	27	22	18	20	20	16	14	21	19	16	17
	90 ppm	18	23	20	16	22	18	18	19	20	13	14	13	17	16
WASTING	Control	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	1	1	1	1	1	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	5 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	4	3	4	2	2	2	2	4	2	3	4	4	5	4
	5 ppm	0	0	0	1	1	1	1	2	1	0	0	0	1	1
	30 ppm	0	1	0	1	0	1	0	0	0	0	0	0	0	2
	90 ppm	1	1	1	1	0	1	0	0	0	0	0	0	1	1
LOSS OF HAIR	Control	8	9	10	10	10	10	10	10	9	9	7	7	7	6
	5 ppm	17	15	16	16	16	17	17	15	15	13	12	12	9	9
	30 ppm	12	6	6	6	7	4	5	3	3	3	3	2	2	2
	90 ppm	17	17	16	16	16	12	9	9	9	9	9	9	9	8

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
ROLLING	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
EXCITEMENT	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
EPILEPSY	Control	23	22	21	23	25	23	17
	5 ppm	24	24	30	31	18	27	24
	30 ppm	20	24	27	26	24	25	14
	90 ppm	18	16	20	20	19	20	11
WASTING	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	1	0	0
	30 ppm	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0
SOILED	Control	1	0	0	0	0	0	0
	5 ppm	0	0	2	2	2	2	1
	30 ppm	0	1	1	1	3	2	1
	90 ppm	0	0	0	0	0	0	0
PILORECTION	Control	5	3	4	3	5	5	5
	5 ppm	1	0	2	2	3	2	1
	30 ppm	2	2	2	1	2	2	2
	90 ppm	1	0	0	0	0	0	0
LOSS OF HAIR	Control	6	5	5	5	5	5	5
	5 ppm	8	8	8	8	8	8	8
	30 ppm	2	2	2	2	2	2	2
	90 ppm	8	8	5	5	5	5	5

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	1	1	0	0	1	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	3	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	1	0	0	1	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	1	1	1	1	1	0	1	1	0	0	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	3	1	2	10	3	3	0	5	12	12	13	8	1
	5 ppm	0	0	1	0	1	0	2	0	1	4	2	8	2	5
	30 ppm	0	0	1	0	0	0	0	0	0	0	0	2	0	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	1	0	1	1	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	1	1	1	1	1	1	1	1	0	4	1	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	12	17	8	2	9	3	8	0	2	12	5	13	9	13
	5 ppm	11	6	2	8	2	1	23	5	1	10	14	8	5	8
	30 ppm	0	2	1	1	1	1	1	4	5	0	3	0	8	0
	90 ppm	0	0	0	0	1	3	1	2	1	0	1	0	3	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0	0	0	3	5	4	4	5	5
	5 ppm	0	0	0	0	0	0	0	1	1	2	2	5	5	10
	30 ppm	0	0	0	0	0	0	0	0	1	1	3	14	13	19
	90 ppm	0	0	0	0	0	0	0	0	1	0	3	9	5	15

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	9	3	2	0	6	4	1	2	2	2	0	2	1	2
	5 ppm	3	1	0	0	1	0	0	0	0	0	0	0	0	0
	30 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	1	0	1	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	7	7	9	12	12	12	12	12	13	13	13	13	15	18
	5 ppm	10	9	10	17	17	17	17	17	17	17	17	17	18	19
	30 ppm	19	20	21	21	21	21	22	22	21	22	22	24	24	24
	90 ppm	17	18	19	18	19	18	20	19	18	19	19	19	19	19

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	2	3	2	2	3	2	2	2	3	2	2	3	5	1
	5 ppm	0	2	0	0	0	1	0	0	0	0	0	1	2	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	2
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	19	21	21	21	21	21	22	22	22	22	13	13	14	14
	5 ppm	20	20	22	22	25	25	25	25	26	26	0	6	8	9
	30 ppm	24	24	26	27	27	27	27	27	27	27	29	29	29	29
	90 ppm	19	19	19	21	21	22	22	22	22	22	22	24	23	23

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		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	2	8	9	3	2	11	13	15	2	1	5	5	5	2
	5 ppm	0	4	4	1	1	5	6	7	1	1	1	2	6	1
	30 ppm	0	0	0	2	2	0	0	0	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	2	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	14	15	19	17	17	19	19	19	18	18	18	18	17	17
	5 ppm	9	10	17	17	17	17	16	19	19	18	18	24	24	24
	30 ppm	29	30	30	30	30	30	30	30	30	30	30	30	30	30
	90 ppm	22	22	21	20	21	21	21	21	21	21	21	20	20	20

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
TRAUMA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	4	0	0	1
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	1	1	0	0	0	0
SOILED PERI GENITALIA	Control	2	0	0	0	1	1	0
	5 ppm	0	0	0	0	2	1	0
	30 ppm	1	0	2	1	1	1	1
	90 ppm	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
EYE OPACITY	Control	17	17	17	17	17	17	16
	5 ppm	24	25	25	25	25	24	23
	30 ppm	29	29	31	30	29	28	27
	90 ppm	20	21	21	23	23	23	23

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		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5 ppm	0	0	0	0	0	0	0	0	0	1	1	0	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	3
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	1	3	3	4	5	1	4	5	5	6
	5 ppm	0	1	0	0	1	1	1	1	1	1	1	1	1	2
	30 ppm	1	0	1	0	0	0	0	0	0	1	0	0	0	0
	90 ppm	1	0	1	0	0	0	0	0	0	0	0	0	0	0
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	5	5	5	5	5	5	5	4	4	4	4	4	4	4
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	3	5	4	4	5	5
	5 ppm	0	0	0	0	0	0	0	1	1	2	2	5	5	10
	30 ppm	0	0	0	0	0	0	0	0	1	1	3	14	13	19
	90 ppm	0	0	0	0	0	0	0	0	1	0	3	9	5	15
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	7	7	9	12	12	12	12	12	13	13	13	13	15	18
	5 ppm	10	9	10	17	17	16	17	17	17	17	17	17	18	19
	30 ppm	19	20	21	21	21	21	22	22	21	22	22	24	24	24
	90 ppm	17	18	19	18	19	18	20	19	18	19	19	19	19	19
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	0	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	4	4	4	4	4	4	4	4	5	5	5	5	5	5
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	2	2	4	4	4	4	4	4	4	4	4	4
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	0	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	19	21	21	21	21	21	22	22	22	22	13	13	14	14
	5 ppm	20	20	22	22	25	25	25	25	26	26	0	6	8	9
	30 ppm	24	24	26	27	27	27	27	27	27	27	29	29	29	29
	90 ppm	19	19	19	21	21	22	22	22	22	22	22	24	23	23
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	3	3	3	3
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	0	0	0	1	1	2	2	2	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
INTERNAL MASS	Control	5	5	6	5	6	5	5	7	8	8	5	5	5	5
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	3	3	3	3	3	3	3	2	2	2	2	2	2	3
	90 ppm	0	0	0	0	0	0	1	1	1	2	2	2	2	2
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CORNEAL OPACITY	Control	14	15	19	17	17	18	19	19	18	18	18	18	17	17
	5 ppm	9	10	17	17	17	17	16	19	19	18	18	24	24	24
	30 ppm	29	30	30	30	30	30	30	30	30	30	30	30	30	30
	90 ppm	22	22	21	20	21	21	21	21	21	21	21	20	20	20
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	3	3	3	3	3	3	3	4	5	5	4	4	3	3
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	2
	30 ppm	3	4	4	4	5	5	5	5	5	5	5	5	5	5
	90 ppm	1	1	1	0	0	2	2	2	1	1	1	1	1	1
INTERNAL MASS	Control	7	6	6	3	3	3	3	4	3	3	3	3	3	3
	5 ppm	0	0	1	1	1	1	1	1	0	0	0	0	0	1
	30 ppm	2	2	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	2	2	2	2	2	2	1	1	1	1	1	1	1	1
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	2
	30 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
CORNEAL OPACITY	Control	17	17	17	17	17	17	16
	5 ppm	24	25	25	25	25	24	23
	30 ppm	29	29	31	30	29	28	27
	90 ppm	20	21	21	23	23	23	23
DEFECT OF TEETH	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
EXTERNAL MASS	Control	3	3	3	3	4	4	3
	5 ppm	2	2	2	2	2	2	2
	30 ppm	5	6	7	7	7	7	6
	90 ppm	1	1	1	1	1	1	1
INTERNAL MASS	Control	4	3	4	4	3	4	4
	5 ppm	1	2	1	4	2	2	1
	30 ppm	3	3	3	5	5	4	3
	90 ppm	1	2	2	4	3	4	4
M.EYE	Control	0	0	0	0	0	0	0
	5 ppm	2	2	2	2	2	2	2
	30 ppm	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0
M.PERI MOUTH	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
M.EAR	Control	1	1	1	1	1	1	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0

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		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	2	2	2	2
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.TAIL	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	1	1	1	1	2	2	2	2	2	2	2	2
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.ABDOMEN	Control	2	2	2	2	2	2	2	3	3	3	2	2	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	2	2	2	2	2	2	2	2	2	2	2	2	2
	90 ppm	1	1	1	0	0	1	1	1	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
M.TAIL	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
ULCER	Control	2	2	2	1	1	1	1	1	1	1	1	1	1	3
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDDENING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
M.ABDOMEN	Control	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0
	30 ppm	2	3	3	3	3	3	2
	90 ppm	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1
	90 ppm	1	1	1	1	1	1	1
M.TAIL	Control	1	1	1	1	2	2	2
	5 ppm	0	0	0	0	0	0	0
	30 ppm	1	1	2	2	2	2	2
	90 ppm	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	1	0	0	0
	5 ppm	0	0	0	1	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
ULCER	Control	3	2	3	2	2	2	3
	5 ppm	1	0	0	0	1	2	1
	30 ppm	0	0	1	0	0	0	1
	90 ppm	0	0	0	1	1	1	1
REDDENING	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	1	1	1	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	1	1	1	1	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	1	0	1	0	1	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	1	1	1	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	1	1	1	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	1	2	2	2	2	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	2	1	1	1	1	2	1	1	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	2	1	1	1	1	2	1	1	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
REOSION	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	1	1	1	1	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
IRREGULAR BREATHING	Control	0	0	0	0	0	1	1	1	0	0	0	0	1	3
	5 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	30 ppm	1	0	1	1	1	0	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	1	0	0	1	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	1	1	1	0	0	0	0	1	3
	5 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	30 ppm	1	0	1	1	1	0	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	1	0	0	1	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
REOSION	Control	1	1	1	1	1	1	1	1	1	3	3	3	3	3
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	1	1	1	1	1	1	1	1	1	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	3	2	3	2	2	2	2	2	2	1	1	2	2	1
	5 ppm	0	0	0	0	1	2	1	1	1	0	0	0	0	0
	30 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
ABNORMAL RESPIRATION	Control	3	2	3	2	2	2	2	2	2	1	1	2	2	1
	5 ppm	0	0	0	0	1	2	1	1	1	0	0	0	0	0
	30 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
REOSION	Control	3	2	2	2	2	2	1
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	1	1	0	2	2	2
	5 ppm	0	0	0	0	1	0	0
	30 ppm	1	1	2	1	1	1	1
	90 ppm	1	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	1	1	1	0	2	2	2
	5 ppm	0	0	0	0	1	0	0
	30 ppm	1	1	2	1	1	1	1
	90 ppm	1	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 2

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 51

Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS2



STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 52

Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 53

Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	1	1	1	1	1	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 54

Clinical sign	Group Name	Administration Week: day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	1	1	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 55

Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS2

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 56

Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
TACHYPNEA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
RED URINE	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0

## APPENDIX A 4

CLINICAL OBSERVATION : SUMMARY, MOSUE: FEMALE  
(2-YEAR STUDY)

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 57

Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 58

Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 59

Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	1	0	0	0	0	1	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	2	1	1	1	1	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 60

Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	1	1	1	1	1	1	2	2	2	3	3
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	2	3	3	3	4
	90 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	1	1	1	1	2	2	2	2	2
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	1	0	0	1	0	0	1	1	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	30 ppm	0	0	0	0	1	0	1	1	1	1	1	2	2	1
	90 ppm	0	0	0	0	1	1	1	1	1	0	1	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	3	3	3	3	3	3	4	4	4	5	5	5	5	6
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30 ppm	4	4	4	4	4	4	4	5	5	5	5	6	6	6
	90 ppm	2	2	2	2	2	2	2	2	2	3	3	3	3	3
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	90 ppm	2	2	2	2	2	2	2	2	2	3	3	3	3	3
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	1	0	0	0	0	0	0	0	1	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	2	1	1	1	1	1	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	7	7	7	7	7	7	7	7	7	7	7	8	9	9
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	30 ppm	7	7	8	8	8	8	8	8	8	8	8	8	9	11
	90 ppm	3	3	4	4	4	5	5	5	6	6	6	6	7	7
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	30 ppm	1	1	1	1	2	2	2	2	2	2	2	2	2	2
	90 ppm	3	3	4	4	4	4	4	4	4	4	4	4	4	4
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	1	1	1	1	2	1	1	1
	30 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	9	10	10	10	11	11	11	11	11	11	11	11	11	12
	5 ppm	2	2	2	2	2	2	3	3	4	4	4	4	4	4
	30 ppm	12	12	12	12	12	12	12	12	12	12	12	13	13	14
	90 ppm	7	8	9	9	9	9	10	10	10	12	12	12	12	12
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	2
	5 ppm	1	1	1	1	1	1	1	1	1	2	3	4	4	5
	30 ppm	2	2	3	3	3	3	3	3	3	3	3	3	4	4
	90 ppm	4	4	4	4	4	4	4	4	4	4	4	5	5	5
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	1	2	2	1	1	1	1	1	2	1	1	1	0	0
	5 ppm	1	1	1	2	2	2	2	3	3	3	2	2	1	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	1	2	2
	90 ppm	1	1	0	0	0	0	0	0	0	0	0	1	0	1
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	1	1	1	1	1	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
DEATH	Control	12	14	15	15	15	15	15
	5 ppm	5	5	5	5	5	5	5
	30 ppm	14	16	16	16	16	17	17
	90 ppm	14	14	14	14	14	17	17
MORIBUND SACRIFICE	Control	3	5	5	6	6	6	6
	5 ppm	6	6	6	8	8	8	8
	30 ppm	5	5	5	6	6	6	8
	90 ppm	7	7	7	7	7	7	7
LOCOMOTOR MOVEMENT DECR	Control	0	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	1	0	1	0	0	0	0
	5 ppm	0	0	0	0	1	0	0
	30 ppm	1	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0

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		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTON	Control	0	0	0	0	0	0	0	3	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1

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		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	1	1	1	1	0	1	1
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	90 ppm	0	0	0	0	0	0	2	0	1	1	1	1	1	1



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		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	1	1	0	1	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	1	1	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	1	0	0	0	0	0	1	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
WASTING	Control	0	0	0	0	0	0	0	1	1	0	0	1	1	0
	5 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	2	1	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	0
	5 ppm	0	1	0	0	0	0	1	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	2	1	1	0	1	0	0	0	0	0	0	0

STUDY NO. : 0116  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	1	1	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	0	0	0	0	1	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	0	0	1	1	1	0	0	0	0	1	1	3	0	2
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	30 ppm	0	0	0	1	0	0	0	0	8	2	9	3	1	2
	90 ppm	0	0	0	0	0	0	0	1	0	0	1	0	0	0
WASTING	Control	0	0	1	0	0	0	1	0	1	1	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	1	0	1	2	2	1
	90 ppm	0	0	0	0	0	2	1	1	1	0	1	0	0	0
SOILED	Control	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	1	1	1	1	1	1	1	0	0	0	0	0
PILOERECTION	Control	1	1	2	1	1	0	1	1	1	2	0	0	0	0
	5 ppm	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	1	0	0	0	1	2	2	1	1	2	2	1
	90 ppm	1	1	1	1	1	1	1	1	1	0	1	0	0	1

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ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	0	0	0	1	1	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	1	0	0	1	1	2	0	0	1	4	3	3	5	3
	5 ppm	1	2	0	3	1	3	3	1	0	3	1	1	1	7
	30 ppm	0	1	7	1	0	2	1	2	4	3	2	3	3	6
	90 ppm	1	0	1	0	0	3	0	0	1	0	0	0	0	2
WASTING	Control	0	0	0	0	1	0	0	0	0	0	0	0	1	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	2	1	2	2	2	2	2	2	2	2	1	1	0
	90 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	6	8	11	4	5	0	6	3	3	2	5	7	12	18
	5 ppm	5	8	7	0	2	2	6	5	3	3	7	13	13	19
	30 ppm	8	7	7	7	8	9	4	3	3	3	12	14	12	16
	90 ppm	2	3	3	2	2	1	1	0	0	0	6	6	4	5
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	5 ppm	0	0	0	0	0	0	1	1	1	1	2	1	1	1
	30 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	1	2	2	1	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	1	1	2	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	90 ppm	0	0	0	0	0	0	0	1	0	1	1	1	1	1

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILEPSY	Control	15	17	18	18	20	20	19	19	19	16	13	19	17	20
	5 ppm	16	17	13	13	17	18	15	18	12	10	13	14	13	18
	30 ppm	15	14	14	15	11	15	18	17	15	16	15	13	10	8
	90 ppm	5	7	8	6	9	7	9	10	7	9	10	8	7	7
WASTING	Control	0	1	1	1	1	1	1	1	2	1	1	1	0	0
	5 ppm	1	1	1	1	2	2	2	2	2	1	1	1	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	2	2
	90 ppm	1	1	0	0	0	0	0	0	0	0	0	1	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERRECTION	Control	0	0	0	0	0	1	1	1	3	2	1	1	0	0
	5 ppm	1	2	2	2	3	3	2	3	2	2	2	2	0	0
	30 ppm	1	1	0	0	0	0	0	0	1	2	3	2	3	2
	90 ppm	1	1	0	0	0	0	0	0	1	0	0	1	0	1

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
TREMOR	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
EPILEPSY	Control	19	17	15	15	17	17	16
	5 ppm	17	16	20	18	17	16	15
	30 ppm	13	16	15	15	15	14	9
	90 ppm	11	12	13	14	12	6	4
WASTING	Control	0	0	1	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	1	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	1	1	1	1	0
	90 ppm	0	0	0	0	0	0	0
PILOERECTION	Control	1	0	0	0	1	2	2
	5 ppm	1	1	1	1	3	3	3
	30 ppm	3	1	1	1	1	1	0
	90 ppm	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOSS OF HAIR	Control	0	0	1	2	7	18	21	26	27	30	32	30	27	27
	5 ppm	0	0	2	2	4	6	12	18	23	21	22	25	23	26
	30 ppm	0	0	3	6	8	11	14	20	26	28	23	31	27	29
	90 ppm	0	0	0	3	9	9	12	13	22	25	25	27	27	24
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOSS OF HAIR	Control	28	22	31	30	35	34	36	30	36	37	37	35	36	41
	5 ppm	30	25	27	23	31	29	29	38	31	32	30	30	29	33
	30 ppm	33	34	27	35	32	37	37	36	40	31	41	36	41	40
	90 ppm	29	30	26	28	31	30	32	31	37	31	39	34	34	38
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS2



STUDY NO. : 0116  
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CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOSS OF HAIR	Control	39	40	43	40	44	46	45	41	44	46	46	46	48	47
	5 ppm	31	33	30	25	31	31	30	30	31	30	30	31	31	31
	30 ppm	40	41	41	35	38	37	40	40	40	40	40	41	38	39
	90 ppm	35	37	36	39	36	35	33	33	34	33	34	36	36	36
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	90 ppm	0	0	1	1	0	0	0	0	0	0	0	0	0	0
GUN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOSS OF HAIR	Control	48	48	48	47	47	47	46	44	44	41	40	40	40	40
	5 ppm	31	32	34	35	35	36	36	36	37	36	37	36	37	34
	30 ppm	37	37	36	38	39	40	39	39	40	38	37	36	36	36
	90 ppm	36	37	36	37	38	38	38	39	38	37	35	35	35	35
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	1	1	1	1	1	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOSS OF HAIR	Control	38	41	42	43	43	43	36	37	39	38	36	35	38	39
	5 ppm	32	37	37	39	38	37	31	30	33	30	30	29	29	32
	30 ppm	38	38	38	38	38	38	37	37	37	37	37	38	34	33
	90 ppm	33	36	35	32	33	34	35	35	34	34	33	33	30	28
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	1	0	1	1	0	1	1	1	1	0	0	0	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOSS OF HAIR	Control	38	38	33	38	37	37	37	37	37	37	36	34	33	33
	5 ppm	32	32	35	35	34	34	34	34	33	33	32	31	30	29
	30 ppm	32	27	27	30	26	26	25	25	24	24	24	24	23	21
	90 ppm	29	28	28	29	27	29	29	29	28	28	26	27	22	24
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	1	1	1	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	1	1	1	1	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOSS OF HAIR	Control	33	32	32	32	31	31	31	30	30	29	23	22	18	15
	5 ppm	30	30	31	32	31	31	31	30	31	29	23	23	18	16
	30 ppm	20	14	13	13	15	8	7	6	7	7	8	8	5	5
	90 ppm	24	19	17	16	17	10	8	5	5	5	5	5	4	4
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	0
	5 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	1	0	0	1	2	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	1	0	1	2	2	2	2	2	2	2	2	2
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
LOSS OF HAIR	Control	12	10	10	8	7	6	6
	5 ppm	14	14	13	10	10	9	9
	30 ppm	4	2	1	0	0	0	0
	90 ppm	4	3	3	2	2	2	2
TRAUMA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0
	5 ppm	0	1	2	0	0	0	0
	30 ppm	0	0	0	0	0	1	2
	90 ppm	0	1	1	1	1	1	1
SOILED PERI GENITALIA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	1	1
	30 ppm	1	1	1	1	1	1	0
	90 ppm	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0
LACRYMATION	Control	0	0	0	0	0	0	0
	5 ppm	2	2	2	2	2	2	2
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0

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		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	4
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	3

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		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	2	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	1	1	1	1	1	1	1	0	1	3	3	0



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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0	0	1	1	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EYE OPACITY	Control	0	0	0	0	0	0	0	0	3	6	8	17	20	24
	5 ppm	0	0	0	0	0	0	1	19	20	21	22	25	24	27
	30 ppm	0	0	0	0	0	0	0	0	1	4	6	12	17	28
	90 ppm	0	0	0	0	0	0	0	0	13	17	22	23	27	33
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	3	6	8	17	20	24
	5 ppm	0	0	0	0	0	0	1	19	20	21	22	25	24	27
	30 ppm	0	0	0	0	0	0	0	0	1	4	6	12	17	28
	90 ppm	0	0	0	0	0	0	0	0	13	17	22	23	27	33
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	1	1	0	1
	5 ppm	0	1	1	1	1	1	1	1	1	1	1	2	2	2
	30 ppm	0	0	1	1	0	1	1	1	1	2	2	2	2	1
	90 ppm	0	1	1	2	0	1	1	1	1	1	1	1	1	1

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EYE OPACITY	Control	27	30	32	34	34	34	33	33	34	34	33	33	33	32
	5 ppm	31	32	32	35	35	35	35	35	35	35	35	35	36	35
	30 ppm	29	30	31	30	31	30	31	32	30	30	30	28	29	29
	90 ppm	33	32	33	33	34	32	34	34	35	35	35	35	35	35
CORNEAL OPACITY	Control	27	30	32	34	34	34	33	33	34	34	33	33	33	32
	5 ppm	31	32	32	34	35	35	35	35	35	35	35	35	36	35
	30 ppm	29	30	31	30	31	30	31	32	30	30	30	28	29	29
	90 ppm	33	32	33	33	34	32	34	34	35	35	35	35	35	35
ANTERIOS CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	1	0	0	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	1	1	1	1	1	1	2	2	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	1	1	1	1	4	3	3	3	3	3	3	3	2
	5 ppm	2	2	2	2	1	1	1	1	1	1	1	1	1	2
	30 ppm	1	1	1	1	1	1	1	0	1	1	1	2	2	2
	90 ppm	3	3	4	4	5	4	5	5	5	4	3	3	3	3

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EYE OPACITY	Control	32	32	33	33	33	33	33	32	32	33	10	22	28	28
	5 ppm	36	41	41	41	41	41	41	41	41	41	1	27	30	32
	30 ppm	28	28	29	29	28	29	29	29	29	29	29	30	29	29
	90 ppm	35	35	34	33	33	35	35	35	34	34	35	35	34	34
CORNEAL OPACITY	Control	32	32	33	33	33	33	33	32	32	33	10	22	28	28
	5 ppm	36	41	41	41	41	41	41	41	41	41	1	27	30	32
	30 ppm	28	28	29	29	28	29	29	29	29	29	29	30	29	29
	90 ppm	35	35	34	33	33	35	35	35	34	34	35	35	34	34
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	1	1	1	1	0	0	1	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	1	1	2	2	2	2	2	2
	30 ppm	1	1	1	1	1	1	2	2	2	2	2	2	2	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	1	1	2	3	3	3	3	3	3	3	2	1	1
	5 ppm	2	2	2	2	2	2	2	2	3	3	2	1	1	1
	30 ppm	2	2	2	2	1	1	1	2	2	2	1	1	0	0
	90 ppm	3	3	2	1	1	0	1	2	1	1	1	1	1	1

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EYE OPACITY	Control	27	27	29	29	28	28	28	30	29	29	28	29	29	28
	5 ppm	32	32	35	36	36	36	36	36	35	34	33	36	35	35
	30 ppm	29	29	28	28	28	28	28	29	29	29	29	28	28	26
	90 ppm	34	33	32	32	32	32	32	32	32	30	30	29	28	28
CORNEAL OPACITY	Control	27	27	29	29	28	28	28	30	29	29	28	29	29	28
	5 ppm	32	32	35	36	36	36	36	36	35	34	33	36	35	35
	30 ppm	29	29	28	28	28	28	28	29	29	29	29	28	28	26
	90 ppm	34	33	32	32	32	32	32	32	32	30	30	29	28	28
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	2	2	2	3	3	3	3	2	2	2	1	1	1	1
	30 ppm	2	2	1	1	1	1	1	1	1	1	1	3	3	3
	90 ppm	1	1	1	1	1	1	1	2	2	1	1	1	1	1
INTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	0	0	0	0	2
	5 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	30 ppm	0	0	0	0	1	1	1	1	1	2	2	3	3	1
	90 ppm	1	1	1	1	2	1	1	1	1	1	1	3	2	3

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
EYE OPACITY	Control	26	26	23	22	23	23	23
	5 ppm	33	32	32	30	30	30	29
	30 ppm	25	24	24	24	24	24	22
	90 ppm	25	25	25	25	25	22	22
CORNEAL OPACITY	Control	26	26	23	22	23	23	23
	5 ppm	33	32	32	30	30	30	29
	30 ppm	25	24	24	24	24	24	22
	90 ppm	25	25	25	25	25	22	22
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	2	2	2	2
	5 ppm	2	3	3	3	3	4	4
	30 ppm	3	3	3	2	3	3	2
	90 ppm	1	0	0	0	0	0	0
INTERNAL MASS	Control	2	2	1	1	1	1	2
	5 ppm	2	2	2	1	1	1	1
	30 ppm	1	1	1	4	4	5	3
	90 ppm	1	1	1	1	1	1	1

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	1	1	1	1	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EAR	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	1	1	1	1	1	1	1	1	1	1	1	1	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	1	1	1	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
M.EYE	Control	0	0	0	0	0	0	0
	5 ppm	2	2	2	2	2	2	2
	30 ppm	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0
M.ORAL CAVITY	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
M.EAR	Control	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
M.NECK	Control	0	0	0	1	1	1	1
	5 ppm	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	2	2	1
	90 ppm	1	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	1	1	1	0	0	0	0
	90 ppm	1	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	0	1	0	0	0
	5 ppm	0	0	0	0	0	1	1
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0

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		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	1	1	0	1	1	1	1



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		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	5 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	1	1	1	1	2	0	0	0	1	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	0	1	0	0	0	0	0	0	0	0

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		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	1	1	1	1	1	2	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	1	1	1	1	1	1	1	2	2	2
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	5 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	2	2	2	2	2	2	2	2	2	2	2	1	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	30 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	1	0	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
REOSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	1	1	1	1	1	1	1	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
M.HINDLIMB	Control	0	0	0	0	1	1	1
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	1	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0
	5 ppm	0	1	1	1	1	1	1
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
ANEMIA	Control	1	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0
REOSION	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	1	0	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	1	0	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		28-7	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	1	1	1	1	0	0	0
	5 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	0	1	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	1	1	1	1	0	0	0
	5 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	1	1	1	1	1	0	1	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		42-7	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	1	1	2	1	0	0	1	1	1	1	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	1	1	1	1	1	2	1
	90 ppm	0	1	1	1	1	1	1	1	1	0	1	0	0	0
ABNORMAL RESPIRATION	Control	1	1	2	1	0	0	1	1	1	1	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1	1	1	1	1	1	2	1
	90 ppm	0	1	1	1	1	1	1	1	1	0	1	0	0	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		56-7	57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	2	1	1	2	1	2	1	1	1	2	1	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	2	1	1	2	1	2	1	1	1	2	1	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		70-7	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	1	2	2	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	2	2
	90 ppm	0	0	1	0	0	0	0	1	0	1	1	1	1	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	1	2	2	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	1	2	2
	90 ppm	0	0	1	0	0	0	0	1	0	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		84-7	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	1	1	1	0	0	0	0	0	0	1	0	0	0	1
	5 ppm	1	2	2	2	2	2	1	3	3	1	1	1	1	1
	30 ppm	1	1	0	0	0	0	0	1	1	1	2	1	2	2
	90 ppm	1	1	0	0	0	0	0	0	0	0	0	1	0	0
ABNORMAL RESPIRATION	Control	1	1	1	0	0	0	0	0	0	1	0	0	0	1
	5 ppm	1	2	2	2	2	2	1	3	3	1	1	1	1	1
	30 ppm	1	1	0	0	0	0	0	1	1	1	2	1	2	2
	90 ppm	1	1	0	0	0	0	0	0	0	0	0	1	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	1	0	0	0	0	0	0	0	0	0	1	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day						
		98-7	99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	2	1	1	0	0	1	1
	5 ppm	1	0	0	0	0	0	0
	30 ppm	1	0	1	0	0	0	1
	90 ppm	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	2	1	1	0	0	1	1
	5 ppm	1	0	0	0	0	0	0
	30 ppm	1	0	1	0	0	0	1
	90 ppm	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
DEEP BREATHING	Control	1	0	0	0	0	0	0
	5 ppm	1	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	1
	90 ppm	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	1	0	0	0	0	0
	5 ppm	0	0	0	0	0	0	0
	30 ppm	0	0	0	0	0	0	0
	90 ppm	0	0	0	0	0	0	0

## APPENDIX B 1

### BODY WEIGHT CHANGES :SUMMARY, RAT : MALE (2-YEAR STUDY)

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 1

Group Name	Administration week		1		2		3		4		5		6	
	0													
Control	130±	6	162±	9	192±	12	218±	14	242±	16	263±	17	280±	17
10 ppm	130±	6	154±	9**	179±	12**	204±	15**	227±	17**	247±	18**	262±	18**
30 ppm	130±	6	155±	8**	178±	11**	200±	14**	221±	15**	241±	16**	256±	16**
90 ppm	130±	6	150±	9**	172±	13**	193±	16**	212±	18**	230±	19**	244±	20**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2



STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration week		7		8		9		10		11		12		13	
Control	298±	17	312±	18	327±	19	337±	20	347±	20	357±	21	366±	21		
10 ppm	278±	19**	291±	19**	305±	20**	314±	22**	324±	22**	333±	22**	343±	23**		
30 ppm	270±	16**	282±	16**	296±	16**	305±	17**	314±	18**	323±	18**	331±	17**		
90 ppm	257±	21**	267±	21**	278±	21**	286±	21**	294±	20**	302±	20**	309±	21**		

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week							
	14	16	18	20	22	24	26	
Control	374± 22	387± 21	397± 21	407± 22	419± 23	427± 23	437± 24	
10 ppm	349± 23**	362± 24**	369± 23**	376± 23**	385± 24**	395± 24**	405± 26**	
30 ppm	340± 18**	352± 19**	364± 20**	370± 20**	379± 21**	388± 21**	398± 22**	
90 ppm	315± 22**	327± 21**	337± 21**	339± 21**	345± 21**	352± 21**	363± 21**	

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration week											
	28		30		32		34		36		38	
Control	445± 25		451± 25		460± 26		465± 27		470± 26		472± 26	
10 ppm	412± 26**		417± 27**		425± 27**		430± 28**		435± 28**		438± 28**	
30 ppm	406± 22**		411± 23**		419± 22**		424± 23**		428± 22**		432± 23**	
90 ppm	371± 22**		377± 22**		384± 23**		391± 24**		395± 25**		395± 26**	

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 5

Group Name	Administration week													
	42		44		46		48		50		52		54	
Control	482±	27	488±	27	491±	29	491±	37	494±	38	501±	28	502±	28
10 ppm	447±	29**	452±	30**	457±	31**	459±	30**	462±	31**	465±	31**	468±	32**
30 ppm	443±	23**	448±	24**	450±	25**	454±	25**	458±	26**	460±	26**	462±	26**
90 ppm	409±	27**	414±	25**	417±	26**	418±	30**	419±	30**	422±	34**	424±	35**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 6

Group Name	Administration week											
	56		58		60		62		64		66	
Control	506±	29	510±	29	511±	33	514±	31	516±	32	519±	31
10 ppm	471±	31**	475±	32**	477±	33**	479±	32**	482±	33**	483±	33**
30 ppm	464±	26**	468±	27**	469±	26**	472±	27**	475±	27**	475±	27**
90 ppm	424±	36**	434±	24**	433±	24**	434±	22**	438±	25**	435±	25**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BATS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration week											
	70		72		74		76		78		80	
Control	519±	31	517±	32	518±	33	518±	32	516±	32	516±	33
10 ppm	483±	32**	482±	32**	481±	32**	479±	34**	479±	37**	486±	37**
30 ppm	475±	30**	476±	27**	475±	28**	474±	29**	472±	37**	481±	29**
90 ppm	441±	26**	441±	25**	441±	26**	441±	27**	443±	27**	445±	30**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 8

Group Name	Administration week											
	84		86		88		90		92		94	
Control	510± 44		507± 46		500± 50		494± 55		487± 61		486± 52	
10 ppm	486± 37**		485± 37*		481± 42		480± 48		476± 45		468± 46	
30 ppm	483± 27**		481± 30**		474± 33*		471± 42*		474± 31		470± 36	
90 ppm	438± 44**		445± 36**		440± 39**		437± 30**		439± 33**		436± 34**	

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 9

Group Name	Administration week			
	98	100	102	104
Control	462± 60	454± 72	450± 66	449± 67
10 ppm	462± 42	461± 43	459± 45	454± 43
30 ppm	470± 33	470± 35	466± 38	463± 46
90 ppm	432± 36**	427± 38**	421± 46**	415± 52*

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2



## APPENDIX B 2

### BODY WEIGHT CHANGES : SUMMARY, RAT : FEMALE (2-YEAR STUDY)

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration week		1		2		3		4		5		6	
	0													
Control	99±	4	116±	5	131±	5	143±	7	154±	7	163±	9	173±	10
10 ppm	99±	4	112±	5**	124±	5**	136±	6**	146±	6**	156±	7**	163±	6**
30 ppm	99±	4	110±	5**	121±	6**	131±	6**	141±	7**	152±	8**	158±	9**
90 ppm	99±	4	107±	4**	117±	5**	127±	5**	135±	6**	147±	7**	153±	7**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration week											
	7		8		9		10		11		12	
Control	180± 10		185± 10		192± 10		197± 10		201± 11		205± 11	
10 ppm	170± 7**		175± 8**		183± 7**		187± 8**		193± 8*		198± 9**	
30 ppm	164± 10**		169± 10**		175± 11**		180± 11**		185± 12**		190± 12**	
90 ppm	160± 8**		163± 8**		170± 8**		172± 8**		176± 9**		179± 9**	

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BATS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 12

Group Name	Administration week		14		16		18		20		22		24		26	
Control	213±	10	219±	10	223±	11	227±	11	233±	12	235±	13	239±	12		
10 ppm	205±	8*	213±	9	218±	10*	221±	10*	228±	10	230±	10	234±	10		
30 ppm	197±	13**	203±	13**	209±	13**	212±	13**	217±	14**	221±	14**	225±	15**		
90 ppm	183±	9**	189±	9**	195±	10**	195±	10**	198±	10**	199±	10**	203±	11**		

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 13

Group Name	Administration week												
	28		30		32		34		36		38		40
Control	242± 13		245± 13		250± 14		253± 14		255± 15		258± 16		261± 16
10 ppm	238± 11		239± 11*		244± 11		249± 12		251± 13		253± 12		259± 12
30 ppm	229± 15**		231± 15**		237± 16**		240± 17**		242± 17**		245± 17**		251± 16**
90 ppm	208± 11**		210± 11**		210± 11**		214± 11**		218± 11**		220± 12**		226± 13**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 14

Group Name	Administration week											
	42		44		46		48		50		52	
Control	264± 18		269± 18		271± 19		273± 19		276± 20		280± 21	
10 ppm	261± 12		266± 13		269± 13		271± 14		275± 15		279± 16	
30 ppm	253± 17*		258± 18		261± 18		264± 18*		266± 18		269± 19**	
90 ppm	228± 13**		231± 13**		234± 14**		235± 14**		237± 14**		237± 15**	

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 15

Group Name	Administration week											
	56		58		60		62		64		66	
Control	286±	22	292±	23	297±	25	300±	25	304±	25	307±	26
10 ppm	290±	16	294±	18	300±	18	302±	20	307±	20	309±	21
30 ppm	276±	20	279±	21	285±	21**	289±	22*	294±	22*	297±	21
90 ppm	240±	15**	246±	15**	247±	18**	250±	17**	253±	18**	254±	19**

Significant difference : \* :  $P \leq 0.05$     \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 16

Group Name	Administration		week																	
	70			72		74		76		78		80		82						
Control	312±	26		312±	26		316±	25		319±	26		318±	27		320±	30		323±	33
10 ppm	312±	22		312±	22		315±	24		316±	25		317±	24		323±	25		326±	26
30 ppm	300±	23*		303±	24		304±	24		306±	25*		307±	25		309±	25		314±	26
90 ppm	258±	20**		261±	22**		264±	22**		266±	24**		266±	24**		269±	21**		275±	23**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2



STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 17

Group Name	Administration week											
	84		86		88		90		92		94	
Control	327±	34	327±	34	328±	27	328±	28	326±	29	326±	32
10 ppm	329±	27	328±	29	326±	28	323±	29	321±	36	326±	29
30 ppm	316±	27	316±	28	312±	32*	310±	33*	309±	35	308±	35*
90 ppm	274±	24**	275±	22**	271±	23**	268±	25**	268±	24**	267±	26**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BATS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 18

Group Name	Administration week							
	98		100		102		104	
Control	322±	44	326±	38	323±	43	328±	41
10 ppm	325±	33	328±	33	325±	37	329±	35
30 ppm	311±	36	314±	34	314±	37	313±	43
90 ppm	270±	28**	271±	27**	273±	26**	277±	23**

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

(HAN260)

BAIS2

## APPENDIX B 3

BODY WEIGHT CHANGES :SUMMARY, MOSUE : MALE  
(2-YEAR STUDY)

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 1

Group Name	Administration week						
	0	1	2	3	4	5	6
Control	22.1± 0.9	23.9± 0.9	25.1± 1.0	26.0± 1.2	26.5± 1.3	27.0± 1.6	27.9± 1.7
5 ppm	22.1± 0.9	22.6± 1.2**	23.4± 1.4**	24.1± 1.0**	24.3± 1.1**	24.7± 1.2**	24.9± 1.1**
30 ppm	22.1± 0.9	22.9± 0.9**	24.2± 1.1**	24.3± 1.1**	24.7± 1.0**	25.1± 1.1**	25.5± 1.1**
90 ppm	22.1± 0.9	22.5± 1.0**	23.8± 1.0**	23.9± 0.9**	24.2± 1.5**	24.6± 0.9**	24.8± 1.0**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration week	7	8	9	10	11	12	13
Control		28.4± 2.0	29.2± 2.1	29.9± 2.3	30.5± 2.4	31.3± 2.6	32.0± 2.5	32.8± 2.7
5 ppm		25.4± 1.1**	25.8± 1.1**	26.7± 1.4**	26.2± 1.3**	27.3± 1.4**	27.5± 1.5**	28.1± 1.6**
30 ppm		25.8± 1.1**	26.3± 1.2**	27.5± 1.3**	27.2± 1.4**	27.3± 1.3**	27.6± 1.5**	28.1± 1.6**
90 ppm		24.6± 1.0**	25.1± 0.8**	26.4± 1.0**	25.7± 0.9**	26.1± 0.8**	26.3± 1.1**	26.7± 1.1**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week						
	14	16	18	20	22	24	26
Control	33.5± 2.7	34.9± 3.0	36.2± 3.1	37.2± 3.3	38.5± 3.6	39.3± 3.7	40.5± 3.8
5 ppm	29.0± 1.8**	29.9± 2.1**	30.1± 2.1**	31.0± 2.2**	31.9± 2.5**	32.4± 2.5**	33.5± 2.8**
30 ppm	29.2± 1.7**	27.5± 2.8**	29.2± 2.1**	30.0± 2.3**	30.8± 2.6**	31.3± 2.8**	32.1± 3.1**
90 ppm	27.5± 1.2**	25.2± 1.8**	26.9± 1.4**	27.8± 1.2**	28.2± 1.4**	28.4± 1.3**	29.5± 1.6**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration week	28	30	32	34	36	38	40
Control		41.4± 3.9	42.4± 4.2	43.4± 4.2	43.9± 4.2	44.8± 4.3	45.4± 4.1	45.8± 4.3
5 ppm		33.7± 2.9**	34.2± 3.1**	35.4± 3.3**	35.2± 3.3**	35.7± 3.6**	35.9± 3.6**	36.2± 3.7**
30 ppm		32.7± 3.3**	33.2± 3.5**	34.2± 3.7**	34.6± 3.7**	34.9± 3.8**	35.1± 3.8**	35.5± 4.0**
90 ppm		29.5± 1.7**	30.1± 2.0**	31.3± 2.2**	31.1± 2.4**	31.5± 2.3**	32.1± 2.6**	32.2± 2.5**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 5

Group Name	Administration week						
	42	44	46	48	50	52	54
Control	45.9± 4.7	46.6± 4.1	47.2± 4.3	47.6± 4.4	48.0± 4.3	47.7± 3.9	48.2± 3.9
5 ppm	36.5± 3.8**	37.2± 3.9**	38.2± 3.8**	38.5± 3.8**	39.0± 4.1**	39.3± 4.2**	39.6± 4.3**
30 ppm	35.9± 4.0**	36.4± 4.1**	37.1± 4.0**	37.3± 4.1**	37.6± 4.1**	37.5± 4.2**	37.9± 4.2**
90 ppm	32.9± 2.8**	33.2± 2.9**	33.7± 3.0**	33.9± 2.8**	34.1± 3.1**	34.3± 3.0**	34.1± 2.9**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2



STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 6

Group Name	Administration week						
	56	58	60	62	64	66	68
Control	48.7± 4.0	48.9± 4.0	49.0± 4.0	49.4± 3.9	49.3± 4.1	49.5± 4.1	49.3± 4.4
5 ppm	40.3± 4.3**	40.2± 4.3**	40.2± 4.4**	40.6± 4.5**	40.9± 4.6**	40.8± 4.4**	40.4± 4.6**
30 ppm	38.6± 4.3**	38.7± 4.4**	38.7± 4.6**	38.6± 5.4**	38.6± 5.0**	39.0± 5.0**	39.3± 4.0**
90 ppm	35.1± 3.0**	35.1± 3.1**	35.4± 3.1**	35.9± 3.2**	35.4± 3.0**	35.8± 3.2**	35.8± 3.3**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration week						
	70	72	74	76	78	80	82
Control	48.6± 5.8	49.3± 4.9	50.0± 5.0	50.3± 5.4	50.6± 5.6	50.1± 6.2	50.2± 6.3
5 ppm	40.4± 4.5**	40.6± 4.7**	41.3± 4.7**	41.7± 5.0**	41.8± 4.8**	41.3± 5.2**	41.4± 5.2**
30 ppm	39.8± 4.0**	39.8± 4.6**	39.9± 5.0**	40.7± 4.7**	40.6± 4.6**	40.6± 4.4**	40.9± 4.7**
90 ppm	36.3± 3.4**	36.5± 3.5**	36.5± 4.3**	36.7± 3.4**	36.8± 3.8**	37.1± 3.4**	37.2± 3.4**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration week						
	84	86	88	90	92	94	96
Control	50.6± 6.7	51.3± 6.2	51.8± 5.3	51.7± 5.8	52.3± 5.2	51.3± 6.0	50.6± 6.6
5 ppm	42.0± 5.3**	42.0± 5.3**	41.8± 5.5**	41.4± 5.9**	42.1± 6.3**	42.4± 5.7**	42.4± 5.7**
30 ppm	41.2± 4.6**	41.4± 5.1**	41.4± 5.0**	41.4± 5.0**	41.6± 5.0**	41.4± 5.0**	41.5± 4.8**
90 ppm	37.2± 3.3**	37.5± 3.4**	37.5± 3.6**	37.9± 3.5**	37.4± 3.5**	37.0± 3.5**	37.0± 3.9**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 9

Group Name	Administration week			
	98	100	102	104
Control	50.0± 7.5	50.7± 7.0	49.1± 6.8	47.9± 7.3
5 ppm	42.1± 5.8**	42.0± 5.6**	41.0± 5.9**	40.9± 5.3**
30 ppm	41.1± 4.8**	41.0± 4.7**	40.8± 4.7**	39.8± 4.8**
90 ppm	36.3± 3.5**	36.4± 3.0**	36.1± 3.0**	35.9± 3.0**

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

(HAN260)

BAIS 2

## APPENDIX B 4

BODY WEIGHT CHANGES : SUMMARY, MOSUE: FEMALE  
(2-YEAR STUDY)

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration week						
	0	1	2	3	4	5	6
Control	18.6± 0.8	19.5± 1.1	20.1± 0.9	21.0± 1.0	21.7± 1.0	22.0± 0.9	22.4± 1.1
5 ppm	18.5± 0.8	18.6± 0.9**	19.4± 1.1**	20.2± 0.8**	20.8± 0.9**	21.5± 1.0	21.8± 0.9**
30 ppm	18.6± 0.7	18.6± 0.8**	19.7± 0.8	20.3± 0.8**	21.0± 0.8**	21.6± 1.0	22.0± 1.0
90 ppm	18.5± 0.7	18.4± 0.9**	19.7± 0.9	20.2± 0.9**	20.9± 0.9**	21.5± 1.1*	21.7± 0.8**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration week						
	7	8	9	10	11	12	13
Control	22.6± 1.5	23.4± 1.4	23.4± 1.0	23.6± 1.1	24.0± 1.2	24.4± 1.3	25.2± 1.3
5 ppm	22.1± 0.9*	22.4± 0.8**	23.1± 1.2	22.8± 1.0**	23.6± 1.1	23.6± 1.1**	24.2± 1.3**
30 ppm	22.4± 0.9	23.0± 0.9	23.5± 1.2	23.7± 1.0	23.9± 0.8	24.3± 0.9	24.5± 1.0*
90 ppm	21.9± 0.9**	22.4± 0.8**	23.4± 0.9	23.1± 0.8*	23.6± 0.9	23.7± 0.8**	23.8± 1.4**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 12

Group Name	Administration week						
	14	16	18	20	22	24	26
Control	25.4± 1.6	26.0± 1.7	26.4± 1.8	27.6± 2.1	27.6± 2.6	28.1± 2.4	28.8± 2.6
5 ppm	24.5± 1.2**	25.0± 1.5**	25.1± 1.6**	25.8± 1.4**	26.4± 1.8**	26.7± 1.8*	27.3± 2.1**
30 ppm	24.6± 0.9*	25.2± 1.2	25.1± 0.8**	26.6± 1.4	26.5± 1.6*	26.9± 1.5	27.2± 1.7*
90 ppm	24.4± 0.9**	24.4± 1.1**	24.5± 1.0**	25.3± 1.3**	25.5± 1.4**	25.6± 1.5**	26.1± 1.8**

Significant difference ; \* :  $P \leq 0.05$

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2



STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 13

Group Name	Administration week						
	28	30	32	34	36	38	40
Control	29.2± 3.0	29.6± 2.9	30.3± 3.6	30.7± 3.5	30.5± 3.6	31.3± 3.5	30.9± 3.8
5 ppm	27.3± 2.1**	27.7± 2.3**	28.5± 2.5*	28.4± 3.1**	28.6± 2.5*	29.4± 2.7*	29.0± 3.0*
30 ppm	28.0± 1.9	28.0± 2.2*	28.7± 2.5	28.4± 2.4**	29.0± 2.6	29.1± 2.6**	29.3± 2.8
90 ppm	26.2± 1.5**	26.0± 1.8**	26.9± 1.7**	26.7± 1.7**	27.0± 1.7**	27.1± 1.8**	27.2± 2.3**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 14

Group Name	Administration week						
	42	44	46	48	50	52	54
Control	31.8± 3.9	31.6± 4.2	32.6± 4.0	32.8± 4.2	33.5± 4.1	33.3± 4.4	33.8± 4.0
5 ppm	29.7± 3.1*	29.9± 3.3	30.7± 3.5*	30.7± 3.4*	31.0± 3.9**	30.9± 3.8*	31.4± 3.8*
30 ppm	29.2± 2.5**	29.6± 3.0	30.9± 3.2	30.4± 3.4*	30.8± 3.8**	30.9± 3.8*	30.8± 4.3**
90 ppm	27.6± 2.2**	27.7± 2.2**	28.2± 2.5**	28.3± 2.4**	28.5± 2.6**	28.5± 2.5**	28.4± 2.5**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 15

Group Name	Administration week						
	56	58	60	62	64	66	68
Control	34.6± 4.6	34.7± 4.4	34.7± 5.0	35.7± 4.8	35.6± 5.0	35.5± 4.7	35.3± 5.3
5 ppm	32.4± 3.8	32.5± 4.4	32.7± 4.1	33.4± 4.1	33.2± 3.9	33.6± 4.7	33.8± 4.6
30 ppm	31.5± 4.1**	31.4± 3.8**	31.7± 4.2*	32.6± 4.6**	31.4± 4.1**	31.8± 4.3**	32.5± 4.2*
90 ppm	29.0± 2.7**	28.7± 2.6**	29.0± 3.1**	29.4± 3.1**	29.2± 3.1**	29.4± 2.9**	29.4± 3.2**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 16

Group Name	Administration week						
	70	72	74	76	78	80	82
Control	36.2± 5.1	36.1± 5.2	36.9± 5.1	37.0± 5.2	37.7± 5.0	36.8± 5.0	36.9± 5.3
5 ppm	34.2± 4.6	33.8± 4.3	35.1± 4.4	34.9± 4.6	35.1± 4.5	34.9± 5.2	34.7± 4.8
30 ppm	33.1± 4.5**	33.0± 4.0**	33.3± 3.9**	33.3± 4.2**	33.5± 4.4**	33.3± 4.8**	33.6± 5.4*
90 ppm	29.9± 3.7**	29.9± 5.1**	29.5± 3.9**	29.4± 3.1**	29.1± 3.1**	29.5± 3.1**	29.2± 3.2**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 17

Group Name	Administration week						
	84	86	88	90	92	94	96
Control	36.7± 5.1	37.2± 5.0	35.9± 5.0	36.2± 5.0	36.2± 5.8	36.6± 4.8	36.2± 4.9
5 ppm	35.7± 4.6	35.3± 5.1	35.1± 5.1	34.6± 4.9	34.9± 4.7	34.5± 4.7	35.0± 4.7
30 ppm	33.0± 4.4**	33.0± 4.6**	32.7± 4.7*	33.3± 4.1*	33.2± 4.6**	33.5± 4.8*	34.0± 5.4
90 ppm	29.5± 3.1**	29.8± 3.1**	29.6± 2.9**	29.8± 3.4**	29.8± 3.5**	29.2± 3.8**	30.1± 3.8**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 18

Group Name	Administration week			
	98	100	102	104
Control	36.0± 4.1	35.2± 4.4	34.9± 3.9	33.7± 4.0
5 ppm	34.9± 4.2	34.6± 4.8	33.4± 4.4	33.5± 4.4
30 ppm	33.1± 4.2*	33.3± 4.3	33.0± 4.0	33.8± 5.2
90 ppm	29.8± 3.4**	29.5± 2.9**	29.5± 3.3**	30.2± 3.4*

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

## APPENDIX C 1

FOOD CONSUMPTION CHANGES : SUMMARY, RAT : MALE  
(2-YEAR STUDY)

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 1

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	15.5± 1.0	17.2± 1.7	18.2± 1.8	18.5± 1.8	18.6± 1.6	18.4± 1.4	18.6± 1.5
10 ppm	13.7± 1.0**	15.6± 1.5**	16.4± 2.0**	16.9± 2.1**	17.6± 2.0*	17.1± 1.6**	17.2± 1.5**
30 ppm	13.6± 1.0**	15.5± 1.4**	16.4± 1.9**	16.9± 1.7**	17.4± 1.7**	17.1± 1.5**	16.9± 1.6**
90 ppm	13.2± 1.2**	15.8± 2.6**	17.6± 3.7*	18.4± 3.1	19.2± 3.0	17.7± 2.5*	18.6± 2.8

Significant difference : \* :  $P \leq 0.05$     \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2



STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	18.4± 1.2	18.7± 1.1	18.3± 1.3	17.9± 1.2	18.3± 1.3	18.1± 1.2	17.8± 1.1
10 ppm	17.1± 1.5**	17.4± 1.9**	17.2± 1.8**	17.3± 1.7	17.8± 1.6	17.7± 1.5	17.0± 1.4**
30 ppm	16.9± 1.6**	18.0± 1.9*	17.5± 1.6*	17.6± 1.5	17.5± 1.4**	17.6± 1.1	17.5± 1.3
90 ppm	18.8± 2.7	19.9± 3.0	19.8± 2.9	20.0± 2.7**	20.0± 2.6**	19.3± 2.7	19.6± 2.8*

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week						
	18	22	26	30	34	38	42
Control	17.5± 0.9	18.2± 1.1	19.1± 1.1	18.7± 1.3	18.3± 1.0	18.6± 1.3	17.9± 3.4
10 ppm	17.1± 1.4	17.5± 1.4	18.4± 1.6	18.2± 1.3	17.5± 1.2*	17.9± 1.2*	18.1± 1.3
30 ppm	17.7± 1.3	18.0± 1.2	19.1± 1.4	18.9± 1.3	18.9± 1.5	18.6± 1.2	18.9± 1.4
90 ppm	19.9± 2.1**	21.1± 2.7**	20.1± 1.9*	19.8± 1.5**	20.3± 1.8**	19.6± 1.8**	19.9± 1.9**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration week						
	46	50	52	54	58	62	66
Control	18.4± 2.2	18.9± 2.2	18.3± 2.0	18.8± 1.1	19.3± 1.2	19.0± 1.3	18.9± 1.1
10 ppm	18.0± 1.2	18.3± 1.4*	18.2± 1.3	18.4± 1.3	18.5± 1.3*	18.4± 1.2	18.1± 1.4
30 ppm	18.7± 1.4	19.4± 1.3	19.6± 1.4**	19.2± 1.5	19.1± 1.2	19.3± 1.6	19.4± 1.8
90 ppm	20.8± 2.2**	21.6± 2.2**	21.4± 2.2**	21.5± 2.4**	20.8± 1.7**	21.8± 2.2**	22.1± 2.5**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 5

Group Name	Administration week						
	70	74	78	82	86	90	94
Control	18.4± 1.3	18.4± 1.4	19.1± 2.2	18.8± 1.7	18.3± 2.8	18.1± 2.4	18.4± 3.6
10 ppm	17.3± 1.2**	17.2± 1.1**	18.0± 2.5*	17.7± 2.8*	18.0± 1.6	17.9± 1.7	17.8± 3.1
30 ppm	18.3± 2.5	18.2± 1.6	19.2± 3.5	19.1± 2.1	19.9± 2.4**	18.7± 2.9	19.3± 3.0
90 ppm	20.6± 2.2**	20.3± 3.1**	21.4± 2.5**	20.5± 3.9**	21.5± 3.0**	20.4± 3.5**	21.9± 3.1**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 6

Group Name	Administration week		
	98	102	104
Control	19.4± 2.4	17.1± 4.4	18.0± 3.1
10 ppm	17.9± 2.3*	18.0± 1.7	18.0± 1.7
30 ppm	19.6± 2.2	19.0± 3.9*	19.1± 4.1
90 ppm	21.1± 2.9**	19.6± 4.8**	19.6± 4.6*

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

## APPENDIX C 2

### FOOD CONSUMPTION CHANGES : SUMMARY, RAT : FEMALE (2-YEAR STUDY)

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	11.5± 0.7	12.1± 0.8	12.3± 1.0	12.8± 1.1	12.7± 1.2	12.8± 1.3	12.5± 1.2
10 ppm	10.4± 0.8**	11.7± 1.0	11.7± 1.0*	12.0± 1.0**	12.5± 1.0	12.2± 1.0*	12.3± 1.7
30 ppm	9.9± 0.9**	11.0± 1.1**	11.3± 1.7**	11.7± 1.2**	12.3± 1.4	11.9± 1.3**	11.9± 1.4*
90 ppm	9.6± 0.9**	11.0± 1.1**	11.5± 1.3**	12.1± 1.2**	13.0± 1.4	12.5± 1.3	13.5± 2.3

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	12.5± 1.3	12.6± 1.2	12.8± 1.1	12.2± 1.2	12.5± 1.2	11.9± 0.9	12.1± 1.1
10 ppm	12.1± 1.4	12.0± 1.2*	12.8± 1.3	12.5± 1.5	12.9± 1.3	12.5± 1.4	12.2± 1.7
30 ppm	12.0± 1.7	12.4± 1.6	12.9± 2.2	12.9± 2.1	13.1± 2.4	12.4± 1.7	13.0± 2.4
90 ppm	13.0± 2.3	13.7± 2.0*	13.9± 3.0	13.8± 2.3**	13.8± 2.2**	13.8± 2.2**	13.9± 2.7**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2



STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 9

Group Name	Administration week						
	18	22	26	30	34	38	42
Control	12.2± 1.1	12.9± 1.8	13.0± 1.2	12.8± 1.1	13.1± 1.1	12.7± 1.3	12.9± 1.4
10 ppm	12.9± 1.4*	13.8± 2.5	13.3± 1.5	12.5± 1.4	13.5± 1.2	13.1± 1.2	13.4± 1.3
30 ppm	13.4± 1.8**	13.6± 2.3	13.8± 1.8	13.2± 1.2	14.0± 1.3**	13.1± 1.6	13.8± 1.5**
90 ppm	14.3± 2.4**	15.2± 2.9**	14.9± 2.7**	14.0± 2.0**	14.2± 1.8**	13.7± 2.0**	14.4± 1.7**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration week						
	46	50	52	54	58	62	66
Control	12.9± 1.4	13.4± 1.4	13.6± 1.6	13.3± 1.6	13.6± 1.1	13.5± 1.3	13.4± 1.2
10 ppm	13.6± 1.3*	13.5± 1.3	13.9± 1.3	14.0± 1.3*	14.0± 1.4	13.5± 1.3	13.5± 1.2
30 ppm	14.1± 1.5**	14.5± 1.7**	14.2± 1.7	14.7± 1.5**	14.2± 1.6	14.6± 1.9**	14.9± 1.8**
90 ppm	15.0± 2.0**	15.3± 2.3**	14.6± 2.7**	15.7± 2.3**	15.6± 1.9**	15.7± 2.3**	15.7± 2.4**

Significant difference ; \* :  $P \leq 0.05$

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration week						
	70	74	78	82	86	90	94
Control	12.5± 1.1	13.4± 1.2	13.5± 1.8	13.8± 2.6	13.5± 2.6	13.7± 1.4	14.8± 2.2
10 ppm	12.5± 1.4	13.5± 1.2	13.6± 1.5	14.7± 1.3	14.2± 2.0	14.0± 1.7	14.8± 3.2
30 ppm	13.3± 1.6*	14.1± 1.5	14.9± 1.6**	15.4± 1.8**	15.9± 2.1**	14.8± 2.0*	15.9± 2.1
90 ppm	14.4± 1.6**	15.2± 1.8**	14.9± 1.7**	16.2± 2.3**	16.1± 3.0**	15.5± 2.9**	16.3± 3.3**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0115  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration week		
	98	102	104
Control	15.4± 2.4	14.1± 3.1	14.5± 4.0
10 ppm	15.5± 2.3	15.3± 2.8	15.0± 2.0
30 ppm	16.0± 2.9	15.8± 3.6**	15.8± 2.9
90 ppm	15.9± 3.4	16.6± 2.1**	16.3± 2.6

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

(HAN260)

BAIS2

## APPENDIX C 3

FOOD CONSUMPTION CHANGES : SUMMARY, MOSUE : MALE  
(2-YEAR STUDY)

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 1

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	3.7± 0.2	3.7± 0.2	3.6± 0.3	3.6± 0.3	3.7± 0.3	3.8± 0.2	3.7± 0.3
5 ppm	3.3± 0.3**	3.4± 0.2**	3.2± 0.4**	3.4± 0.2**	3.4± 0.3**	3.5± 0.3**	3.5± 0.2**
30 ppm	3.3± 0.2**	3.6± 0.2	3.1± 0.2**	3.4± 0.2**	3.3± 0.2**	3.5± 0.2**	3.6± 0.2**
90 ppm	3.3± 0.2**	3.7± 0.2	3.2± 0.2**	3.4± 0.4**	3.3± 0.2**	3.5± 0.2**	3.4± 0.2**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	4.0± 0.3	3.9± 0.3	4.0± 0.3	3.9± 0.3	4.1± 0.2	4.1± 0.2	4.0± 0.3
5 ppm	3.7± 0.2**	3.7± 0.3**	3.6± 0.2**	3.7± 0.3**	3.8± 0.3**	3.8± 0.3**	3.8± 0.3**
30 ppm	3.7± 0.2**	3.8± 0.2*	3.6± 0.2**	3.5± 0.2**	3.7± 0.2**	3.8± 0.3**	3.7± 0.2**
90 ppm	3.7± 0.2**	3.9± 0.2	3.6± 0.2**	3.7± 0.3*	3.8± 0.3**	3.9± 0.2**	3.8± 0.3**

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week						
	18	22	26	30	34	38	42
Control	4.3± 0.3	4.3± 0.3	4.3± 0.3	4.4± 0.4	4.4± 0.3	4.5± 0.3	4.5± 0.6
5 ppm	3.8± 0.3**	3.9± 0.4**	4.1± 0.4**	4.1± 0.4**	4.1± 0.4**	4.1± 0.4**	4.1± 0.4**
30 ppm	3.9± 0.3**	4.0± 0.3**	4.0± 0.4**	4.1± 0.2**	4.2± 0.3**	4.1± 0.4**	4.2± 0.3**
90 ppm	3.9± 0.4**	4.1± 0.3**	4.2± 0.3	4.4± 0.4	4.3± 0.3	4.4± 0.6*	4.4± 0.4

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2



STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration week						
	46	50	52	54	58	62	66
Control	4.6± 0.3	4.5± 0.2	4.7± 0.3	4.7± 0.2	4.7± 0.3	4.9± 0.3	4.9± 0.4
5 ppm	4.3± 0.4**	4.2± 0.4**	4.3± 0.3**	4.3± 0.3**	4.3± 0.4**	4.6± 0.4**	4.6± 0.5**
30 ppm	4.3± 0.3**	4.2± 0.3**	4.2± 0.5**	4.4± 0.3**	4.4± 0.3**	4.5± 0.5**	4.6± 0.6**
90 ppm	4.4± 0.4**	4.5± 0.4	4.4± 0.4**	4.5± 0.5**	4.6± 0.4	4.8± 0.4	4.8± 0.3

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 5

Group Name	Administration week						
	70	74	78	82	86	90	94
Control	4.9± 0.9	5.1± 0.5	4.9± 0.5	4.8± 0.4	4.8± 0.4	4.9± 0.5	4.9± 0.8
5 ppm	4.6± 0.5**	4.7± 0.3**	4.6± 0.3**	4.2± 0.4**	4.4± 0.4**	4.5± 0.5**	4.6± 0.3**
30 ppm	4.8± 0.7**	4.6± 0.4**	4.5± 0.3**	4.4± 0.4**	4.5± 0.6**	4.7± 0.4	4.6± 0.4**
90 ppm	5.0± 0.4	4.8± 0.5*	4.7± 0.4**	4.6± 0.4	4.7± 0.5	4.9± 0.5	4.9± 0.4

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 6

Group Name	Administration week		
	98	102	104
Control	4.8± 0.8	4.5± 0.6	4.6± 0.8
5 ppm	4.4± 0.4**	4.1± 0.5**	4.3± 0.3**
30 ppm	4.4± 0.6**	4.4± 0.4	4.3± 0.5*
90 ppm	4.5± 0.5**	4.5± 0.4	4.6± 0.4

Significant difference ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

## APPENDIX C 4

FOOD CONSUMPTION CHANGES : SUMMARY, MOSUE : FEMALE  
(2-YEAR STUDY)

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	3.1± 0.2	3.1± 0.2	3.3± 0.2	3.4± 0.3	3.5± 0.2	3.6± 0.2	3.7± 0.3
5 ppm	2.8± 0.2**	2.9± 0.2**	3.0± 0.2**	3.1± 0.3**	3.3± 0.2**	3.5± 0.2	3.5± 0.3**
30 ppm	2.8± 0.2**	3.0± 0.2	2.9± 0.2**	3.2± 0.2*	3.4± 0.3*	3.5± 0.3	3.6± 0.2
90 ppm	2.8± 0.2**	3.1± 0.2	2.9± 0.2**	3.1± 0.2**	3.2± 0.2**	3.4± 0.2**	3.3± 0.3**

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	3.9± 0.4	3.7± 0.3	3.8± 0.4	3.8± 0.3	3.9± 0.3	4.0± 0.3	3.8± 0.4
5 ppm	3.7± 0.3*	3.7± 0.3	3.7± 0.2	3.7± 0.2	3.9± 0.3	3.9± 0.3	3.8± 0.4
30 ppm	3.8± 0.3	3.9± 0.3	3.8± 0.3	3.8± 0.3	3.9± 0.3	4.0± 0.3	3.8± 0.3
90 ppm	3.7± 0.3**	3.8± 0.3	3.7± 0.3*	3.9± 0.3	3.9± 0.3	3.9± 0.4	3.9± 0.3

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

(HAN260)

BAIS 2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 9

Group Name	Administration week						
	18	22	26	30	34	38	42
Control	4.1± 0.5	4.1± 0.5	4.3± 0.6	4.3± 0.5	4.4± 0.5	4.4± 0.6	4.5± 0.6
5 ppm	4.2± 0.5	4.1± 0.5	4.1± 0.6	4.3± 0.6	4.3± 0.6	4.5± 0.6	4.5± 0.8
30 ppm	4.1± 0.7	4.2± 0.4	4.3± 0.4	4.5± 0.5	4.4± 0.4	4.5± 0.6	4.5± 0.6
90 ppm	4.1± 0.4	4.3± 0.6	4.5± 0.6	4.6± 0.5*	4.7± 0.5**	4.6± 0.8	4.6± 0.5

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

(HAN260)

BAIS2

STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration week 46	50	52	54	58	62	66
Control	4.3± 0.6	4.3± 0.5	4.3± 0.7	4.5± 0.4	4.5± 0.6	4.8± 0.7	4.5± 0.7
5 ppm	4.5± 0.7	4.4± 0.8	4.5± 0.6	4.5± 0.6	4.6± 0.7	5.0± 0.6	4.6± 0.7
30 ppm	4.8± 0.5**	4.5± 0.5	4.5± 0.5	4.8± 0.6	4.6± 0.5	5.0± 0.5	4.7± 0.5
90 ppm	4.6± 0.5*	4.7± 0.7*	4.6± 0.5	4.6± 0.5	4.7± 0.7	4.9± 0.6	4.7± 0.9

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

(HAN260)

BAIS2



STUDY NO. : 0116  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration week						
	70	74	78	82	86	90	94
Control	4.9± 0.7	4.6± 0.5	4.5± 0.7	4.4± 0.7	4.4± 0.7	4.3± 0.5	4.5± 0.8
5 ppm	5.0± 0.7	4.8± 0.5	4.5± 0.6	4.2± 0.6	4.4± 0.8	4.4± 0.5	4.5± 0.7
30 ppm	4.9± 0.8	4.7± 0.5	4.5± 0.5	4.4± 0.6	4.4± 0.6	4.6± 0.5	4.6± 0.7
90 ppm	4.9± 0.7	4.6± 0.5	4.4± 0.5	4.3± 0.5	4.5± 0.6	4.6± 0.8	4.4± 0.7

Significant difference : \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 2

STUDY NO. : 0116  
ANIMAL : MOUSE BDF1  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration week		
	98	102	104
Control	4.2± 0.8	4.0± 0.4	4.0± 0.8
5 ppm	4.4± 0.6	4.1± 0.6	4.3± 0.6
30 ppm	4.5± 0.6	4.4± 0.8	4.7± 1.0**
90 ppm	4.3± 0.6	4.2± 0.6	4.4± 0.6*

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

(HAN260)

BAIS2