

1,3,5,7-テトラアザトリシクロ〔3.3.1.1<sup>3,7</sup>〕デカンの  
ラット及びマウスを用いた経口投与による  
がん原性試験（混水試験）報告書

## APPENDIX

(A1～D4)

## APPENDIXES

APPENDIX A 1 CLINICAL OBSERVATION ( TOW-YEAR STUDY : SUMMARY) RAT : MALE

APPENDIX A2 CLINICAL OBSERVATION ( TOW-YEAR STUDY : SUMMARY) RAT: FEMALE

APPENDIX A3 CLINICAL OBSERVATION ( TOW-YEAR STUDY : SUMMARY) MOUSE : MALE

APPENDIX A 4 CLINICAL OBSERVATION ( TOW-YEAR STUDY : SUMMARY) MOUSE : FEMALE

APPENDIX B 1 BODY WEIGHT CHANGES( TOW-YEAR STUDY : SUMMARY) RAT : MALE

APPENDIX B 2 BODY WEIGHT CHANGES ( TOW-YEAR STUDY : SUMMARY) RAT : FEMALE

APPENDIX B 3 BODY WEIGHT CHANGES ( TOW-YEAR STUDY : SUMMARY) MOUSE : MALE

APPENDIX B 4 BODY WEIGHT CHANGES ( TOW-YEAR STUDY : SUMMARY) MOUSE : FEMALE

APPENDIX C 1 WATER CONSUMPTION CHANGES ( TOW-YEAR STUDY : SUMMARY) RAT : MALE

APPENDIX C 2 WATER CONSUMPTION CHANGES ( TOW-YEAR STUDY : SUMMARY) RAT : FEMALE

APPENDIX C 3 WATER CONSUMPTION CHANGES ( TOW-YEAR STUDY : SUMMARY) MOUSE : MALE

APPENDIX C 4 WATER CONSUMPTION CHANGES ( TOW-YEAR STUDY : SUMMARY) MOUSE : FEMALE

APPENDIX D 1 FOOD CONSUMPTION CHANGES ( TOW-YEAR STUDY : SUMMARY) RAT : MALE

APPENDIX D 2 FOOD CONSUMPTION CHANGES ( TOW-YEAR STUDY : SUMMARY) RAT : FEMALE

APPENDIX D3 FOOD CONSUMPTION CHANGES( TOW-YEAR STUDY : SUMMARY) MOUSE : MALE

APPENDIX D4 FOOD CONSUMPTION CHANGES ( TOW-YEAR STUDY : SUMMARY) MOUSE : FEMALE

## APPENDIX A 1

CLINICAL OBSERVATION (TOW-YEAR STUDY: SUMMARY)

RAT : MALE

STUDY NO. : 0224  
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													
		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	14-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	1	1	1	2	3
	15000 ppm	0	0	0	0	0	0	0	3	3	4	4	3	11	21
	30000 ppm	0	0	0	2	7	8	7	7	7	7	8	10	20	30
PILOERECTIO	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0224  
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													
		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	28-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	15000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	30000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		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	42-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	15000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	30000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	56-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	15000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	30000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		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	70-7
		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	1	1	1
	7500 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	1	1	1	1	2	2	2	2	2
	30000 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	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	0	1	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	50	50	50	50	50	49	49	49	49	49	49	49	49	49
	15000 ppm	49	49	49	49	49	48	48	48	48	47	47	47	47	47
	30000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	30000 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 : MALE

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Clinical sign	Group Name	Administration Week-day													
		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	84-7
		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
	7500 ppm	1	1	1	1	1	1	1	2	2	2	2	3	3	3
	15000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	3	3
	30000 ppm	0	0	0	0	0	0	0	0	0	2	2	2	2	2
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	15000 ppm	1	1	1	1	1	1	2	2	2	2	2	2	2	2
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	49	49	49	49	49	49	49	48	47	47	47	46	46	46
	15000 ppm	47	47	47	47	47	47	47	46	46	46	46	46	45	45
	30000 ppm	50	50	50	50	50	50	50	50	50	48	48	48	48	48
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	1	1	1	1	2	2	2	2	2	3	3	4	4	5
	7500 ppm	3	3	3	3	3	3	3	3	3	3	3	3	4	5
	15000 ppm	3	3	3	3	3	3	5	6	6	6	8	8	8	8
	30000 ppm	2	3	3	3	3	3	3	3	3	6	7	8	8	10
MORIBUND SACRIFICE	Control	2	3	3	3	3	3	3	3	3	3	3	4	4	4
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	2	2	3
	15000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	30000 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	3
LOCOMOTOR MOVEMENT DECR	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	2
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	46	46	46	46	46	45	46	46	46	46	46	46	44	43
	15000 ppm	45	45	45	45	45	45	43	42	42	42	40	40	40	40
	30000 ppm	48	46	46	46	46	46	46	46	46	43	42	41	41	39
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	2	1	1	1	1	1	1	1	1
	30000 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					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
DEATH	Control	6	6	6	6	7	7
	7500 ppm	5	5	6	7	7	7
	15000 ppm	8	9	9	9	9	10
	30000 ppm	11	11	13	13	13	13
MORIBUND SACRIFICE	Control	4	5	5	5	5	5
	7500 ppm	3	3	3	3	3	4
	15000 ppm	3	4	6	6	6	6
	30000 ppm	4	6	6	7	7	7
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	7500 ppm	0	1	0	0	0	0
	15000 ppm	0	1	1	0	0	0
	30000 ppm	0	2	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	1
EXCITEMENT	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	2	2	0	0	0
	30000 ppm	0	1	1	0	0	0
COLORED	Control	0	0	0	0	0	0
	7500 ppm	42	42	41	40	40	40
	15000 ppm	40	37	37	34	35	34
	30000 ppm	36	33	31	30	30	30
PILOERECTION	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	1	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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

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Clinical sign	Group Name	Administration Week-day													
		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	28-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	42-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	56-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	1	1	1	1	1	1	1	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	70-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1	1
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		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	84-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	7500 ppm	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	15000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	30000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
CATARACT	Control	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	7500 ppm	0	0	1	1	1	1	1	2	2	2	2	2	2	2
	15000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	30000 ppm	0	0	0	0	0	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
	7500 ppm	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		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	98-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	30000 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
	7500 ppm	0	1	1	1	1	1	1	1	1	1	1	1	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	1	0	0	0	0	0	0	0	0	0	0	1	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	4	4	4
	7500 ppm	2	2	2	3	3	3	3	3	3	3	3	4	5	5
	15000 ppm	1	1	1	1	1	1	3	3	3	3	3	4	4	4
	30000 ppm	1	1	1	1	1	1	2	2	2	1	0	0	0	0
CATARACT	Control	2	2	2	2	2	2	1	1	1	1	1	3	3	3
	7500 ppm	2	2	2	3	3	3	3	3	3	3	3	4	5	5
	15000 ppm	1	1	1	1	1	1	3	3	3	3	3	4	4	4
	30000 ppm	1	1	1	1	1	1	2	2	2	1	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
TRAUMA	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	1	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	1
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	1
EXOPHTHALMOS	Control	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
EYE OPACITY	Control	4	4	5	5	4	4
	7500 ppm	5	5	5	5	5	5
	15000 ppm	4	4	4	4	6	5
	30000 ppm	0	0	0	0	0	0
CATARACT	Control	3	3	4	4	4	4
	7500 ppm	5	5	5	5	5	5
	15000 ppm	4	4	4	4	6	5
	30000 ppm	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0

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ANIMAL : RAT F344  
REPORT TYPE : A1 104

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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

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Clinical sign	Group Name	Administration Week-day													
		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	28-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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Clinical sign	Group Name	Administration Week-day													
		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	42-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	56-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	7500 ppm	0	1	1	1	2	2	2	2	2	2	2	2	2	2
	15000 ppm	0	0	0	0	0	0	0	0	0	0	1	2	2	2
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.PERI EAR	Control	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	70-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1	1
	7500 ppm	2	2	2	2	3	3	3	3	3	3	3	4	4	4
	15000 ppm	2	2	2	2	2	2	2	2	2	1	1	1	0	0
	30000 ppm	1	1	1	1	1	1	1	2	2	2	1	1	1	1
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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		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	84-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	2	2	2	2	3	4	4	4	6	6	6	6
	7500 ppm	4	4	4	4	4	4	4	4	3	3	4	4	4	4
	15000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	30000 ppm	1	2	3	3	3	3	4	4	4	3	3	3	3	3
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	1	1	1	1	1	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANTERIOS CHAMBER OPACITY	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	7500 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	7	6	6	7	7	7	7	7	7	7	7	6	6	6
	7500 ppm	4	5	5	6	6	7	7	7	8	9	9	9	9	11
	15000 ppm	1	1	1	2	2	2	2	3	3	3	3	3	3	4
	30000 ppm	4	4	4	4	4	5	5	8	8	9	9	9	9	10
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
M.PERI MOUTH	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	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
	7500 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
M.PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
M.HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	0

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		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
ANTERIOS CHAMBER OPACITY	Control	1	1	1	1	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	7	7	7	8	8	8
	7500 ppm	11	11	12	12	12	13
	15000 ppm	4	4	7	7	7	6
	30000 ppm	9	6	8	8	8	10
INTERNAL MASS	Control	0	0	0	0	0	0
	7500 ppm	1	1	0	0	0	0
	15000 ppm	0	0	1	0	0	0
	30000 ppm	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1
M.PERI MOUTH	Control	1	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	1	0	0	0
	30000 ppm	0	0	1	1	1	2
M.EAR	Control	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1
	15000 ppm	1	1	1	1	1	1
	30000 ppm	1	1	1	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
M.HEAD	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0

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		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	1	1	1	0	0	0	0
M.BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ABDOMEN	Control	0	0	1	1	1	1	1	2	2	2	2	2	2	2
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	0	0	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	1	1	1	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANUS	Control	1	1	1	1	1	1	1	1	1	1	2	2	2	2
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
M.ABDOMEN	Control	2	1	1	2	2	2	2	2	2	2	2	2	2	2
	7500 ppm	1	1	1	2	2	2	2	2	2	2	2	2	2	2
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	2	2	2	2	3	3	3	3	3	3	3	3	3
	15000 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	30000 ppm	1	1	1	1	1	1	1	1	1	2	2	2	2	3
M.POSTERIOR DORSUM	Control	1	1	1	1	1	1	1	1	1	1	1	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1	1	2	2	2	2	2	2	3
M.HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	15000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	30000 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
M.ANUS	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
M.FORLIMB	Control	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
M.BREAST	Control	1	1	1	2	2	2
	7500 ppm	1	1	1	1	1	1
	15000 ppm	1	1	1	2	2	2
	30000 ppm	1	0	0	1	1	1
M.ABDOMEN	Control	2	2	2	2	2	2
	7500 ppm	3	3	4	4	4	5
	15000 ppm	0	0	1	1	1	1
	30000 ppm	0	0	1	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0
	7500 ppm	3	3	3	3	3	3
	15000 ppm	1	1	1	1	1	1
	30000 ppm	4	4	4	4	4	5
M.POSTERIOR DORSUM	Control	1	1	1	1	1	1
	7500 ppm	1	1	1	1	1	1
	15000 ppm	0	0	1	1	1	1
	30000 ppm	3	1	1	1	1	1
M.HINDLIMB	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1
	15000 ppm	1	1	1	1	1	0
	30000 ppm	1	1	1	1	1	1
M.ANUS	Control	2	2	2	2	2	2
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0

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		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 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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		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	30000 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													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	1	0	0	0	0	0	1	1	1	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
JAUNDISE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	1	0	1	1	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	0	0	0	0	0	0	0	0	0	0	1	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	15000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	30000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	2
ABNORMAL RESPIRATION	Control	1	0	0	0	0	0	0	0	0	0	0	1	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	15000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	30000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	2

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
ANEMIA	Control	2	1	1	1	1	1
	7500 ppm	0	2	1	1	3	3
	15000 ppm	1	1	0	0	0	1
	30000 ppm	0	0	0	0	0	1
JAUNDISE	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	1	1	1	1
	30000 ppm	0	0	0	0	0	0
SWELLING	Control	1	1	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	1	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	7500 ppm	0	1	0	0	0	0
	15000 ppm	1	2	2	0	0	0
	30000 ppm	0	2	1	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0
	7500 ppm	0	1	0	0	0	0
	15000 ppm	1	2	2	0	0	0
	30000 ppm	0	2	1	0	0	0

STUDY NO. : 0224  
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													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEMATURIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 42

Clinical sign	Group Name	Administration Week-day													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEMATURIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0224  
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													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEMATURIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0224  
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													
		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEMATURIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0224  
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													
		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEMATURIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0224  
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													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEMATURIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 47

Clinical sign	Group Name	Administration Week-day													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEMATURIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OLIGO-STOOL	Control	2	0	0	0	0	0	0	0	0	0	0	1	1	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	15000 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	30000 ppm	2	0	0	0	0	0	0	0	1	0	0	0	1	2
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 48

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
HEMATURIA	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0
	7500 ppm	1	1	0	0	0	0
	15000 ppm	1	1	1	0	0	0
	30000 ppm	0	2	0	0	0	0
OLIGO-STOOL	Control	1	0	0	0	0	0
	7500 ppm	1	1	0	0	1	1
	15000 ppm	1	1	1	0	0	0
	30000 ppm	0	2	1	0	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	7500 ppm	0	1	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	1	0	0	0	0

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## APPENDIX A 2

CLINICAL OBSERVATION (TOW-YEAR STUDY: SUMMARY)

RAT : FEMALE

STUDY NO. : 0224  
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													
		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	14-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	3
	15000 ppm	0	0	0	0	4	5	5	5	7	13	13	13	13	23
	30000 ppm	0	0	1	3	6	10	13	13	17	23	25	25	27	33
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	28-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	9	50	50	50	50	50	50	50	50	50	50	49	50	50
	15000 ppm	36	50	50	50	50	50	50	50	50	50	50	50	50	50
	30000 ppm	41	50	50	50	50	50	50	50	50	50	50	50	50	50
PILOERECTON	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	42-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	15000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	30000 ppm	50	50	50	50	50	50	49	49	49	49	49	49	49	49
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	56-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	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
	7500 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	50	50	50	49	49	49	49	49	49	49	49	49	49	49
	15000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	30000 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	49
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	70-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	1	2	2	2	2	2	3	3	4
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	1	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
	7500 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	15000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	30000 ppm	49	49	49	49	48	48	47	47	47	47	47	46	46	45
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	1	0	0	0	0	0	0	0	0	1	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	84-7
		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
	7500 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	30000 ppm	2	2	2	3	4	7	9	9	10	10	11	11	11	11
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	2	2	2	2	2	2	2	2	2	2	2	2	3	3
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	30000 ppm	4	4	4	4	4	5	5	5	6	8	8	8	8	8
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	0	0	0	0	1	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	30000 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
	7500 ppm	48	48	48	48	48	48	47	47	47	47	47	47	47	46
	15000 ppm	50	50	50	50	50	50	50	50	50	49	49	48	48	48
	30000 ppm	44	44	44	43	42	38	36	36	34	34	31	31	30	30
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1

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Clinical sign	Group Name	Administration Week-day													
		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	98-7
		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
	7500 ppm	1	1	1	1	1	1	1	2	2	3	3	4	4	4
	15000 ppm	1	1	1	1	1	2	2	2	2	2	2	2	2	2
	30000 ppm	12	12	12	13	13	13	13	13	14	14	15	15	15	15
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	1	1	1	2	2	2	3
	7500 ppm	3	3	3	3	3	3	3	3	3	3	4	5	5	5
	15000 ppm	2	2	2	3	3	3	3	5	5	5	5	7	7	7
	30000 ppm	8	10	11	11	11	11	11	11	11	12	12	12	12	12
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	1	0	1	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	2	1	1	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	0	0	0	0	1	0	0
	15000 ppm	1	0	0	0	1	1	1	1	0	0	0	0	0	0
	30000 ppm	0	1	1	1	1	1	1	1	1	0	0	0	0	0
COLORED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	46	46	46	46	46	46	46	45	45	44	43	42	41	41
	15000 ppm	48	47	47	46	46	45	45	45	43	43	43	42	41	41
	30000 ppm	30	29	27	26	26	26	26	26	25	24	23	23	23	23
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0
	7500 ppm	5	5	5	5	5	5
	15000 ppm	3	3	4	5	5	5
	30000 ppm	18	18	19	20	21	21
MORIBUND SACRIFICE	Control	3	3	3	3	3	3
	7500 ppm	5	5	5	6	6	6
	15000 ppm	7	7	9	10	10	10
	30000 ppm	12	12	14	14	15	15
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	1
	30000 ppm	0	0	0	0	1	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	0
WASTING	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	1
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	0
COLORED	Control	0	0	0	0	0	0
	7500 ppm	40	40	40	39	39	39
	15000 ppm	40	40	38	35	35	35
	30000 ppm	20	20	18	16	15	14
PILOERECTION	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
LOSS OF HAIR	Control	1	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	1	1	1	1	1	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	1	1	1	1	1	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	1	1	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	1	1	1	1	1	1	1	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 ppm	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	1	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 ppm	1	1	1	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 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													
		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	15000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	30000 ppm	1	1	1	1	1	1	1	1	1	1	1	2	2	2
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 ppm	1	1	1	1	1	1	1	1	1	1	1	2	2	2
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	0	0	1	2	2	2	2	0	0	0	1	1	1
	30000 ppm	0	0	0	1	2	0	0	0	1	3	2	1	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	2	2	3	3	3	2
	15000 ppm	2	2	2	3	3	3	3	3	3	3	3	3	3	3
	30000 ppm	2	2	2	2	2	2	2	2	2	2	1	1	1	1
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	2	2	3	3	3	2
	15000 ppm	1	1	1	2	2	2	2	2	2	2	2	2	2	2
	30000 ppm	2	2	2	2	2	2	2	2	2	2	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	0	2	1	3	2	1	1	0	0	0	0	0	1
	30000 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	1	1	1	1	1	1	0	0	1	1
	7500 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	15000 ppm	3	3	3	4	4	4	4	4	4	4	4	4	4	4
	30000 ppm	1	1	1	1	1	1	1	1	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	1	0	0	1	1
	7500 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	15000 ppm	2	2	2	3	3	3	3	3	3	4	4	4	4	4
	30000 ppm	1	1	1	1	1	1	1	1	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	1	1	1	1	1	1	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	30000 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					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	1	0	0	0
	30000 ppm	0	0	0	0	0	0
SOILED PERI GENITALIA	Control	0	0	0	0	0	1
	7500 ppm	0	0	0	0	0	0
	15000 ppm	1	3	1	0	0	2
	30000 ppm	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1
	30000 ppm	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
EYE HEMORRHAGIC DISCHA	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
EYE OPACITY	Control	1	2	2	2	2	2
	7500 ppm	1	1	1	1	1	1
	15000 ppm	4	4	3	3	3	3
	30000 ppm	0	0	0	0	0	0
CATARACT	Control	1	2	2	2	2	2
	7500 ppm	1	1	1	1	1	1
	15000 ppm	4	4	3	3	3	3
	30000 ppm	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	1	1	1	1	1	1	2	2	2	2	2	2	2
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1

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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													
		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXTERNAL MASS	Control	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	1	1	1	1	2	2	2	2
	15000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	1	1
	30000 ppm	2	2	1	1	1	1	1	1	1	2	2	1	1	2
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	30000 ppm	1	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	1	1	1	1	2	2
	7500 ppm	2	2	2	2	3	3	2	2	3	4	4	4	4	4
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 ppm	2	3	3	3	3	3	3	3	3	3	2	2	3	3
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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	1	1	1	1	2	2
	7500 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	2
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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ANIMAL : RAT F344  
REPORT TYPE : A1 104

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Clinical sign	Group Name	Administration Week-day													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXTERNAL MASS	Control	2	1	1	1	1	2	2	2	2	3	3	3	3	2
	7500 ppm	4	4	4	5	4	5	5	5	5	5	6	6	5	5
	15000 ppm	1	1	1	1	1	1	1	2	1	2	2	2	1	3
	30000 ppm	2	2	2	2	3	3	3	4	3	3	3	3	3	4
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	30000 ppm	1	1	0	0	0	0	0	0	0	1	0	0	0	0
M.PERI MOUTH	Control	2	1	1	1	1	1	1	1	1	1	1	1	1	1
	7500 ppm	2	2	2	2	2	2	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
M.ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.BREAST	Control	0	0	0	0	0	1	1	1	1	1	1	1	1	0
	7500 ppm	1	1	1	1	1	2	2	1	1	1	2	2	2	2
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
EXTERNAL MASS	Control	3	3	4	4	4	6
	7500 ppm	5	5	6	6	6	7
	15000 ppm	3	5	5	3	4	4
	30000 ppm	4	4	3	2	4	4
INTERNAL MASS	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	1	1	0	0	0	0
	30000 ppm	0	0	0	0	0	0
M.PERI MOUTH	Control	1	1	1	1	1	1
	7500 ppm	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1
M.ORAL CAVITY	Control	0	0	0	0	0	0
	7500 ppm	0	0	1	1	1	1
	15000 ppm	0	0	0	0	1	1
	30000 ppm	0	0	0	0	0	0
M.MANDIBULAR	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	1	1
M.EAR	Control	1	1	1	1	1	2
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
M.PERI EAR	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
M.BREAST	Control	0	0	0	0	0	0
	7500 ppm	2	2	2	2	2	2
	15000 ppm	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1

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ANIMAL : RAT F344  
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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	28-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	42-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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		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	56-7
		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
	7500 ppm	0	0	0	0	0	1	1	1	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	1	0	0	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	70-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	30000 ppm	0	0	0	0	0	0	0	0	0	1	1	0	0	1
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	84-7
		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
	7500 ppm	0	0	0	0	1	0	1	1	1	1	1	1	1	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	30000 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
	7500 ppm	1	1	1	1	1	1	0	0	1	1	1	1	1	1
	15000 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1	1	1	1	1	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	1	1	1	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	2	2	2	2	2	1	1	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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		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	98-7
		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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	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	0	0	0
	7500 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	0	0	0	0	0	0
	30000 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	1	1	1	1	1
	7500 ppm	1	1	1	1	1	1	2	3	3	3	3	3	3	3
	15000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	3
	30000 ppm	0	0	0	0	1	1	1	1	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	1	1	1	0	0	0	0	0	0	0
	15000 ppm	0	0	2	1	1	1	0	1	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
M.ABDOMEN	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	1
	15000 ppm	0	0	0	0	0	0
	30000 ppm	1	1	1	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	1
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	1	1	0	0	0
	30000 ppm	0	0	0	0	0	0
M.GENITALIA	Control	1	1	2	2	2	2
	7500 ppm	3	3	3	3	3	3
	15000 ppm	3	4	4	3	3	3
	30000 ppm	0	0	0	0	1	1
M.TAIL	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	1	1	0	0	0	0
ANEMIA	Control	0	0	0	0	1	1
	7500 ppm	1	1	1	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	1	1	1	1	1	0
ULCER	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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													
		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	28-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	42-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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		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	56-7
		1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	7500 ppm	0	0	0	0	0	0	0	0	0	1	0	1	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	1	2	1	1	1	1	1	1	1	1
	30000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEMORRHAGE	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	1	1	0	1	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	1	0	0	1	1	1	2	1
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	1
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	1	0	1	0	0	0	0	0	0	0	1

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Clinical sign	Group Name	Administration Week-day													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	1	1	1	1	2	3	2	2	1	1	1	0	0	0
	30000 ppm	0	0	0	0	1	0	0	0	0	0	1	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	2	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	2	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	2	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	2	0	0	2	0	2	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRUSTA	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	7500 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	15000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	30000 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	15000 ppm	0	1	1	1	1	1	1	1	0	1	0	0	0	0
	30000 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30000 ppm	0	1	0	0	0	0	0	0	1	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	30000 ppm	0	1	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
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOOSE STOOL	Control	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	2	0	1	1
	15000 ppm	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	30000 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	1	1	0	0	0	0	1	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	15000 ppm	0	0	1	0	1	0	0	1	0	0	0	1	0	0
	30000 ppm	1	2	0	0	0	0	0	0	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
CRUSTA	Control	1	1	1	1	1	0
	7500 ppm	1	1	1	1	1	1
	15000 ppm	1	1	1	1	1	1
	30000 ppm	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	7500 ppm	0	1	1	0	0	0
	15000 ppm	0	0	0	0	1	1
	30000 ppm	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0
	7500 ppm	0	1	1	0	0	0
	15000 ppm	0	0	0	0	1	1
	30000 ppm	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
LOOSE STOOL	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	1
	7500 ppm	1	1	1	0	0	0
	15000 ppm	0	3	2	0	0	0
	30000 ppm	0	0	0	1	1	0
OLIGO-STOOL	Control	0	0	0	1	1	1
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	2	1	0	0	0
	30000 ppm	0	1	0	2	1	0

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 89

Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS3

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 90

Clinical sign	Group Name	Administration Week-day													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 3

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 91

Clinical sign	Group Name	Administration Week-day													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS3



STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 92

Clinical sign	Group Name	Administration Week-day													
		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS3

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 93

Clinical sign	Group Name	Administration Week-day													
		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1

(HAN190)

BAIS 3

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 94

Clinical sign	Group Name	Administration Week-day													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0

(HAN190)

BAIS3

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 95

Clinical sign	Group Name	Administration Week-day													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	15000 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 3

STUDY NO. : 0224  
ANIMAL : RAT F344  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 96

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	7500 ppm	0	0	0	0	0	0
	15000 ppm	0	0	0	0	0	0
	30000 ppm	0	0	0	0	0	0

(HAN190)

BAIS3

## APPENDIX A 3

CLINICAL OBSERVATION (TOW-YEAR STUDY: SUMMARY)

MOSUE : MALE

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 1

Clinical sign	Group Name	Administration Week-day													
		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	14-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 2

Clinical sign	Group Name	Administration Week-day													
		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	28-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 3

Clinical sign	Group Name	Administration Week-day													
		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	42-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 4

Clinical sign	Group Name	Administration Week-day													
		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	56-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 5

Clinical sign	Group Name	Administration Week-day													
		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	70-7
		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	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	1	1	1	2	2	2	2	3	3	4	4	6	6
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	40000 ppm	0	1	1	1	1	1	1	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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	0
	40000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	1	1	1	1	2	2	3	3	3	5	5	5	5	5
	10000 ppm	1	1	1	1	1	1	2	2	2	2	2	2	2	3
	20000 ppm	0	0	1	1	2	3	3	3	3	3	3	3	3	3
	40000 ppm	6	6	7	7	7	7	7	7	8	8	8	8	8	9
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	2	2
	40000 ppm	1	1	1	1	1	1	1	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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	40000 ppm	1	1	1	1	1	2	2	2	1	1	1	2	2	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	5	5	5	5	5	5	5	7	7	7	7	7	7	7
	10000 ppm	3	3	4	4	4	4	5	5	5	5	6	6	8	9
	20000 ppm	3	5	5	5	5	6	6	7	7	7	8	9	10	10
	40000 ppm	9	9	9	10	11	11	12	13	13	14	14	15	15	15
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	1	2	2	3
	10000 ppm	1	1	1	1	1	1	2	2	2	2	2	2	2	2
	20000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	40000 ppm	1	1	1	1	1	1	2	2	2	2	2	2	2	3
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	1	1	1	1	3	3	2	2	2	2	1	1	1
	10000 ppm	0	0	0	0	0	1	0	0	0	2	1	1	0	0
	20000 ppm	2	1	1	1	1	2	2	1	1	1	1	1	1	2
	40000 ppm	0	0	0	0	0	1	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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
DEATH	Control	8	8	8	11	12	12
	10000 ppm	9	9	11	11	12	12
	20000 ppm	11	12	12	13	14	15
	40000 ppm	15	16	16	17	20	21
MORIBUND SACRIFICE	Control	3	3	3	3	3	4
	10000 ppm	3	3	3	3	3	3
	20000 ppm	3	5	5	5	5	5
	40000 ppm	3	3	4	4	4	4
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	10000 ppm	1	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
PILOERECTION	Control	1	1	2	2	3	3
	10000 ppm	0	0	0	0	0	0
	20000 ppm	2	1	1	1	1	2
	40000 ppm	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	28-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	42-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	56-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	70-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	1	1	1	1	0	0	0	0
	20000 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	84-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	40000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
EXTERNAL MASS	Control	0	0	1	1	1	1	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	1	1	2	1	2	2	2	2	2	2	2
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
INTERNAL MASS	Control	0	0	0	0	0	0	1	2	2	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	20000 ppm	1	1	1	1	2	1	1	1	1	1	1	1	2	2
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.EYE	Control	0	0	1	1	1	1	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	98-7
		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	1	0	1	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	40000 ppm	1	1	1	1	1	1	1	1	0	0	0	1	1	1
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXTERNAL MASS	Control	1	1	1	1	1	1	1	0	0	0	0	1	1	1
	10000 ppm	2	2	2	2	2	2	2	2	2	3	3	3	3	3
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	1	1	0	0	1	1	1	1	1	1
INTERNAL MASS	Control	1	2	2	2	2	2	2	1	1	1	1	2	2	3
	10000 ppm	1	1	0	0	0	1	0	0	0	0	0	1	1	1
	20000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	1	2
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
SOILED PERI GENITALIA	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	1	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	1	1	1	0	1	1
	40000 ppm	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1
EXTERNAL MASS	Control	1	2	2	2	2	2
	10000 ppm	3	2	2	2	3	3
	20000 ppm	0	1	1	1	1	1
	40000 ppm	1	1	1	1	1	1
INTERNAL MASS	Control	3	3	3	4	4	4
	10000 ppm	1	1	1	1	0	0
	20000 ppm	1	0	0	0	0	0
	40000 ppm	1	1	1	1	1	0
M.NOSE	Control	0	0	0	0	0	0
	10000 ppm	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.EYE	Control	0	0	0	0	0	0
	10000 ppm	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	0	0
M.TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	1	1	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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
M.NECK	Control	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	1	1	1	1	1
	40000 ppm	0	0	0	0	0	0
M.FORLIMB	Control	0	0	0	0	0	0
	10000 ppm	1	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.BREAST	Control	0	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.HINDLIMB	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.GENITALIA	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.TAIL	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	1	1
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	2	2
	40000 ppm	0	0	0	0	0	0	6	6	6	8	9	9	10	10
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	2	2	2	3	3	4	4	3
	20000 ppm	2	2	3	3	4	5	5	2	2	2	3	5	5	5
	40000 ppm	12	12	11	11	11	11	12	12	12	12	13	13	13	12
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	5	5	5	7	7	8	8	9	10	11	10	10	8	8
	20000 ppm	6	6	6	6	7	10	10	10	10	11	11	11	10	11
	40000 ppm	13	13	13	14	14	13	13	14	13	13	13	14	12	12
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	8	6	6	6	6	5	5	5	6	7	8	8	8	8
	20000 ppm	11	12	9	9	9	8	8	9	7	7	7	7	7	7
	40000 ppm	12	12	12	12	12	12	12	10	10	10	11	10	10	9
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	1	0	0	0	0	1	1	1	1	1
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20000 ppm	0	0	0	0	1	0	0	0	0	1	1	1	1	1
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ULCER	Control	0	0	1	1	1	1	1	0	0	0	0	0	0	0
	10000 ppm	7	9	8	8	9	7	6	6	6	6	6	6	4	4
	20000 ppm	8	9	9	11	11	12	12	11	10	11	12	12	10	11
	40000 ppm	7	9	9	8	9	8	10	9	8	6	6	5	4	3
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	1	1	1	1	1	1	1	1	1	1	1	1	2
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	1	1	0	1	1	1	1	1	1	1	1	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	40000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	1
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	40000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
ULCER	Control	0	0	0	0	0	0
	10000 ppm	5	5	6	6	6	6
	20000 ppm	9	8	8	8	9	10
	40000 ppm	5	5	5	4	3	4
EROSION	Control	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
CRUSTA	Control	2	3	3	3	3	3
	10000 ppm	0	0	0	0	0	1
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1
	40000 ppm	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	1
	10000 ppm	1	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1
	40000 ppm	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0
	10000 ppm	1	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 34

Clinical sign	Group Name	Administration Week-day													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 35

Clinical sign	Group Name	Administration Week-day													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 36

Clinical sign	Group Name	Administration Week-day													
		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEEP BREATHING	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	1
SUBNORMAL TEMP	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 37

Clinical sign	Group Name	Administration Week-day													
		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 38

Clinical sign	Group Name	Administration Week-day													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 39

Clinical sign	Group Name	Administration Week-day													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OLIGO-STOOL	Control	0	0	0	0	0	1	0	0	0	3	3	1	1	1
	10000 ppm	0	0	0	0	0	1	0	0	0	1	0	0	0	0
	20000 ppm	1	0	0	0	0	0	1	1	1	1	1	1	1	1
	40000 ppm	0	0	1	1	0	0	0	0	0	0	1	0	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

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STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 40

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
DEEP BREATHING	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	1
	10000 ppm	1	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1
	40000 ppm	0	0	0	1	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	10000 ppm	1	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0

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## APPENDIX A 4

CLINICAL OBSERVATION (TOW-YEAR STUDY: SUMMARY)

MOSUE: FEMALE

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 41

Clinical sign	Group Name	Administration Week-day													
		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	14-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 42

Clinical sign	Group Name	Administration Week-day													
		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	28-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	40000 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	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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	1	1	1	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	42-7
		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
	10000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	20000 ppm	1	1	2	2	2	2	2	2	2	2	2	2	2	2
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	2	2	2	2	2	2	2	2	2	2	3
	10000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20000 ppm	2	2	3	3	3	3	3	3	3	3	4	4	4	4
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	3	3	3	3	4	4	4	4	4	4	4	4	4	4
	10000 ppm	2	2	2	2	2	2	2	2	2	3	3	3	3	3
	20000 ppm	4	4	4	4	4	5	5	5	5	5	6	6	6	6
	40000 ppm	0	0	0	0	0	0	0	0	1	1	2	2	2	2
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	40000 ppm	1	1	1	1	1	1	1	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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	40000 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													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	4	4	4	5	5	5	5	5	5	6	6	6	6	7
	10000 ppm	3	3	3	3	3	3	3	4	5	6	6	7	7	7
	20000 ppm	6	6	6	6	6	6	6	6	6	6	7	7	8	9
	40000 ppm	2	2	2	2	3	3	3	3	3	3	4	4	4	5
MORIBUND SACRIFICE	Control	1	1	2	2	2	2	2	2	2	2	2	2	2	2
	10000 ppm	0	0	0	1	2	2	2	2	2	2	2	2	2	2
	20000 ppm	1	1	1	1	2	2	2	2	2	2	2	2	2	2
	40000 ppm	1	1	1	1	1	1	1	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
	10000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	1	1	1	2	1	1	2	2	2
	20000 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	2
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10000 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	0

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Clinical sign	Group Name	Administration Week-day													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	7	8	8	9	9	9	9	9	9	9	10	11	13	13
	10000 ppm	7	7	8	8	10	11	11	12	13	13	14	15	15	15
	20000 ppm	10	11	11	13	15	16	16	17	19	19	21	21	22	22
	40000 ppm	6	6	6	6	6	6	6	8	8	9	10	11	11	12
MORIBUND SACRIFICE	Control	2	2	2	3	3	4	4	4	4	4	4	4	4	4
	10000 ppm	2	2	2	3	3	3	3	3	3	3	3	3	4	4
	20000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	40000 ppm	1	1	1	1	1	1	1	1	2	2	2	2	2	2
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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	1	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	1	3	1	1	1	1	1	1	1	1	1	0	0
	10000 ppm	2	2	2	2	2	1	1	1	1	1	1	1	0	0
	20000 ppm	1	1	2	1	1	3	2	3	2	2	2	2	2	2
	40000 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	1	0	1	0	0	0	0	0	0	1	1	1
	40000 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					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
DEATH	Control	14	14	15	16	16	17
	10000 ppm	17	18	21	21	21	21
	20000 ppm	22	22	23	23	25	26
	40000 ppm	12	13	14	16	16	19
MORIBUND SACRIFICE	Control	4	4	4	4	4	4
	10000 ppm	4	4	4	4	4	5
	20000 ppm	4	4	4	5	5	5
	40000 ppm	2	2	2	2	3	3
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	1
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	1	1	3	0	0
	40000 ppm	0	0	0	0	1	0
PARALYTIC GAIT	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	1	1	1	0	0
	40000 ppm	0	0	0	0	0	0
PILOERECTION	Control	0	1	0	1	2	1
	10000 ppm	0	1	0	0	0	1
	20000 ppm	2	3	3	3	0	0
	40000 ppm	1	2	2	1	1	0
FROG BELLY	Control	1	1	1	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	1	1	0	0	0
	40000 ppm	0	0	0	0	1	1

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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		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	28-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	42-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	56-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	2	2	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	1	0	0	0	0	0	0	1	1	1	1	1	1
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	70-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1	1	1	1	1	1	2	2	2
INTERNAL MASS	Control	0	0	0	1	0	0	1	1	1	1	1	2	3	3
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	20000 ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	1	1	1	1	3	3	3	3	2	2	3	3
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	84-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	1	1	1	1	1	1	1	1	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	0
	40000 ppm	2	3	3	3	3	3	3	3	3	3	3	4	4	4
INTERNAL MASS	Control	3	3	3	1	1	1	1	2	3	2	2	2	1	1
	10000 ppm	1	1	2	2	3	2	2	2	2	2	2	1	1	2
	20000 ppm	0	0	0	0	0	0	0	0	0	1	2	3	2	2
	40000 ppm	3	3	3	3	2	2	2	2	2	2	1	1	1	1
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	98-7
		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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
EYE OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	2	1	2	2
	10000 ppm	0	0	0	0	0	2	2	2	2	2	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	40000 ppm	4	4	4	4	4	4	4	4	4	4	4	3	3	3
INTERNAL MASS	Control	1	2	2	0	0	0	0	0	0	0	0	0	1	1
	10000 ppm	2	2	2	2	1	1	1	1	1	1	1	2	2	2
	20000 ppm	2	2	5	4	3	2	4	2	1	1	0	0	0	0
	40000 ppm	0	0	0	1	1	1	1	2	4	3	3	3	3	3
M.NOSE	Control	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.PERI MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1	1	1	1	1	1	0	0	0

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
SOILED PERI GENITALIA	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
EYE OPACITY	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1
CORNEAL OPACITY	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1
EXTERNAL MASS	Control	2	3	3	2	2	3
	10000 ppm	1	1	1	1	1	1
	20000 ppm	1	1	0	0	0	0
	40000 ppm	4	4	3	3	4	3
INTERNAL MASS	Control	1	1	1	2	2	1
	10000 ppm	1	1	0	0	0	0
	20000 ppm	0	0	0	3	2	1
	40000 ppm	3	2	2	1	1	0
M.NOSE	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.EYE	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1
M.PERI MOUTH	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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Clinical sign	Group Name	Administration Week-day													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	1	1	1	1	1	1	1	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	1	1	1	1	1	1	1	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	2	2	2	2	2	2	2	2	2	2	2	2	2

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Clinical sign	Group Name	Administration Week-day													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0	0	0	0	0	1	1	0	0
	10000 ppm	0	0	0	0	0	1	1	1	1	1	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
M.ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1	1	1	1	1	1	0	0	0
M.INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	1	1	1	1	1	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	40000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	1

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
M.NECK	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	1	1	0
M.BREAST	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	1	1	1	1	1	1
M.ABDOMEN	Control	0	0	0	0	0	0
	10000 ppm	1	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	1	1	0	0	0	0
M.ANTERIOR.DORSUM	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.INTERSCAPULUM	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.POSTERIOR DORSUM	Control	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
M.HINDLIMB	Control	1	2	2	1	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	1	1
M.GENITALIA	Control	1	1	1	1	1	1
	10000 ppm	0	1	1	1	1	1
	20000 ppm	1	1	0	0	0	0
	40000 ppm	1	1	1	1	1	0

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	1	1	1	1	1	0	0	0
	40000 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	1	1	1	1	1	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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	1	1	1	1	1	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	1	1	0	0	0	0	0	0	0	0	1	2	1
	10000 ppm	0	1	1	0	1	0	0	0	0	0	0	1	1	1
	20000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL RESPIRATION	Control	0	1	1	0	0	0	0	0	0	0	0	1	2	1
	10000 ppm	0	1	1	0	1	0	0	0	0	0	0	1	1	1
	20000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	1	1	1	1	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	2	2	2	2	2	2	2	2	2	2	2	1	1
	20000 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	1	1	1	1	1	1	1	1	1	2	2	1	1
	10000 ppm	1	1	1	2	1	1	1	2	2	2	1	1	0	0
	20000 ppm	0	0	0	0	2	2	0	3	1	1	1	1	1	2
	40000 ppm	0	0	0	0	0	0	1	1	2	1	0	0	0	0
ABNORMAL RESPIRATION	Control	1	2	2	1	1	1	1	1	1	1	2	2	1	1
	10000 ppm	1	1	1	2	1	1	1	2	2	2	1	1	0	0
	20000 ppm	0	0	0	0	2	2	0	3	1	1	1	1	1	2
	40000 ppm	0	0	0	0	0	0	1	1	2	1	0	0	0	0
TACHYPNEA	Control	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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 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					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	1	1	1
HEMORRHAGE	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0
	10000 ppm	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	1	0	0	1	0
	10000 ppm	0	1	0	0	0	0
	20000 ppm	1	1	1	2	0	0
	40000 ppm	0	1	1	1	1	0
ABNORMAL RESPIRATION	Control	1	1	0	0	1	0
	10000 ppm	1	1	0	0	0	0
	20000 ppm	1	1	1	2	0	0
	40000 ppm	0	1	1	1	1	0
TACHYPNEA	Control	0	0	0	0	0	0
	10000 ppm	1	1	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0

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 ANIMAL : MOUSE BDF1  
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CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		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	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0225  
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													
		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	28-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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	1	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	2	1	1	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
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ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		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	42-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : MOUSE BDF1  
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ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		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	56-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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													
		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	70-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRADYPNEA	Control	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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ANIMAL : MOUSE BDF1  
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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		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	84-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	1	0	1	0	0	0	1	1	1	0	1	0
	20000 ppm	0	0	0	0	1	0	0	0	0	1	1	0	0	0
	40000 ppm	0	0	0	0	0	0	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
	10000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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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SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		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	98-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 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
	10000 ppm	0	0	0	1	0	0	1	1	1	2	1	1	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	40000 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	1	1	1	1	0	0	1	2	3	2	0	0
	10000 ppm	0	0	0	2	0	1	0	0	0	1	1	1	1	1
	20000 ppm	0	0	0	1	1	1	1	3	2	3	3	3	3	3
	40000 ppm	0	0	0	1	2	1	1	2	3	2	1	1	0	0
SUBNORMAL TEMP	Control	0	0	2	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0

(HAN190)

BAIS3

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 80

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
		1	1	1	1	1	1
BRADYPNEA	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	1	0	0
	40000 ppm	0	0	0	1	1	0
OLIGO-STOOL	Control	0	0	0	0	0	0
	10000 ppm	1	1	0	1	0	1
	20000 ppm	2	0	0	1	0	0
	40000 ppm	0	0	0	1	1	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
	40000 ppm	0	0	0	0	0	0

(HAN190)

BAIS3

## APPENDIX B 1

### BODY WEIGHT CHANGES (TOW-YEAR STUDY:SUMMARY)

RAT : MALE

STUDY NO. : 0224  
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	128±	5	167±	7	196±	8	215±	9	231±	11	245±	14	259±	15
7500 ppm	128±	5	166±	7	193±	9	212±	10	227±	12	240±	14	253±	14
15000 ppm	128±	5	162±	6**	190±	9**	208±	10**	225±	12*	239±	13	251±	14*
30000 ppm	128±	5	159±	6**	185±	8**	202±	9**	216±	10**	227±	12**	240±	14**

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

Test of Dunnett

(HAN260)

BAIS3



STUDY NO. : 0224  
 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	273±	16	285±	17	297±	18	306±	17	317±	18	325±	18	333±	18		
7500 ppm	268±	14	281±	14	294±	14	304±	15	315±	15	323±	15	333±	15		
15000 ppm	267±	15	279±	15	291±	15	302±	15	313±	16	322±	17	330±	17		
30000 ppm	254±	15**	267±	15**	277±	16**	286±	16**	296±	17**	305±	18**	314±	18**		

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0224  
 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	342±	18	355±	18	361±	18	365±	19	374±	19	379±	20	388±	20		
7500 ppm	341±	15	356±	15	362±	15	366±	15	375±	16	381±	16	389±	16		
15000 ppm	337±	19	351±	19	356±	21	363±	20	368±	22	375±	23	384±	21		
30000 ppm	322±	18**	335±	19**	344±	20**	350±	21**	357±	22**	365±	22**	375±	23**		

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

Test of Dunnett

(IIAN260)

BAIS3

STUDY NO. : 0224  
 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		40	
Control	394±	21	403±	21	410±	21	416±	22	423±	22	428±	22	432±	21
7500 ppm	396±	17	406±	17	413±	17	420±	17	427±	17	433±	17	438±	18
15000 ppm	391±	24	399±	26	406±	26	412±	26	419±	25	424±	27	431±	27
30000 ppm	382±	24*	391±	24*	397±	24*	403±	25*	410±	25*	415±	26*	421±	26

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 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	438±	22	443±	22	447±	23	451±	23	455±	24	459±	23	462±	24
7500 ppm	443±	18	448±	18	453±	18	457±	19	460±	19	465±	19	468±	20
15000 ppm	435±	29	439±	30	443±	31	447±	30	451±	32	455±	32	459±	34
30000 ppm	425±	25*	429±	25*	432±	25*	436±	25**	438±	25**	443±	25**	447±	25**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 6

Group Name	Administration week		58		60		62		64		66		68	
	56													
Control	467± 24		468± 24		474± 24		478± 24		481± 26		482± 29		484± 31	
7500 ppm	472± 19		473± 19		477± 20		481± 20		484± 19		487± 19		491± 20	
15000 ppm	461± 39		464± 35		467± 37		470± 39		474± 39		475± 46		483± 30	
30000 ppm	451± 26*		451± 27**		455± 28**		457± 26**		459± 26**		461± 26**		463± 26**	

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0224  
 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		82	
Control	487±	28	484±	27	485±	28	487±	28	489±	29	490±	29	491±	30
7500 ppm	489±	21	488±	22	489±	23	490±	24	492±	23	493±	23	492±	23
15000 ppm	482±	30	479±	29	479±	31	478±	38	481±	31	480±	33	480±	32
30000 ppm	463±	25**	462±	25**	463±	25**	463±	27**	462±	27**	464±	27**	463±	26**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
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	484± 40		489± 29		488± 27		484± 27		477± 26		472± 29	
7500 ppm	491± 24		489± 26		490± 31		486± 31		480± 32		479± 41	
15000 ppm	475± 34		474± 36*		470± 39*		463± 44*		459± 40		453± 43	
30000 ppm	457± 28**		457± 26**		452± 26**		448± 26**		442± 25**		435± 30**	

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0224  
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	470± 31		463± 34		455± 41		451± 46	
7500 ppm	460± 33		455± 37		450± 34		445± 35	
15000 ppm	444± 48*		436± 52*		436± 38		428± 39*	
30000 ppm	421± 40**		413± 41**		414± 29**		398± 43**	

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

Test of Dunnett

(HAN260)

BAIS3



## APPENDIX B 2

### BODY WEIGHT CHANGES (TOW-YEAR STUDY: SUMMARY)

RAT : FEMALE

STUDY NO. : 0224  
 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	100±	3	120±	5	131±	6	140±	5	148±	7	155±	7	159±	8
7500 ppm	100±	3	119±	4	130±	7	140±	5	147±	7	154±	6	157±	7
15000 ppm	100±	3	119±	4	130±	4	139±	6	147±	5	154±	6	158±	7
30000 ppm	101±	3	117±	4**	128±	5*	136±	5**	143±	7**	148±	8**	153±	8**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 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		13	
Control	165±	9	167±	9	173±	10	176±	10	181±	11	183±	12	186±	11
7500 ppm	163±	7	166±	8	171±	8	174±	9	178±	9	180±	9	184±	9
15000 ppm	163±	8	166±	8	171±	8	174±	9	178±	9	180±	10	183±	9
30000 ppm	157±	9**	160±	9**	165±	9**	167±	10**	171±	10**	172±	10**	175±	10**

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0224  
 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	
Control	190± 11		195± 12		199± 13		202± 14		205± 14		209± 15	
7500 ppm	187± 9		193± 10		196± 10		199± 11		202± 12		205± 12	
15000 ppm	185± 9*		189± 10		193± 11*		196± 12*		198± 12*		201± 13*	
30000 ppm	178± 10**		182± 11**		186± 12**		189± 12**		191± 13**		193± 13**	

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 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	
Control	214± 15		217± 16		220± 16		221± 16		224± 17		228± 18	
7500 ppm	212± 13		214± 13		218± 14		220± 14		224± 14		227± 15	
15000 ppm	207± 13*		210± 14*		213± 14		214± 15		219± 16		220± 16*	
30000 ppm	198± 14**		201± 14**		204± 14**		205± 16**		211± 14**		212± 14**	

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0224  
 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	54
Control	234± 18	236± 19	238± 20	241± 20	245± 21	250± 21	252± 22
7500 ppm	231± 16	234± 20	238± 16	240± 16	244± 17	249± 18	250± 18
15000 ppm	224± 16**	227± 17*	230± 18*	231± 18*	234± 18**	237± 18**	239± 19**
30000 ppm	216± 14**	219± 14**	221± 15**	222± 15**	225± 15**	228± 16**	230± 18**

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0224  
 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	68
Control	255± 23		259± 25		262± 25		267± 25		271± 28		274± 28	277± 29
7500 ppm	252± 18		257± 19		260± 20		263± 20		270± 22		275± 23	278± 25
15000 ppm	241± 19**		245± 19**		249± 21**		252± 22**		256± 23**		259± 25**	262± 26*
30000 ppm	233± 18**		234± 17**		239± 20**		240± 21**		243± 20**		245± 20**	248± 22**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 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	
Control	280±	28	283±	30	287±	29	292±	29	295±	30	298±	31
7500 ppm	282±	25	286±	24	290±	24	295±	24	297±	25	301±	27
15000 ppm	266±	27*	268±	27**	271±	27**	273±	29**	277±	30**	280±	30**
30000 ppm	250±	21**	253±	22**	254±	27**	257±	27**	259±	28**	262±	28**

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

Test of Dunnett

(HAN260)

BAIS 3



STUDY NO. : 0224  
 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		96	
Control	304±	31	307±	32	309±	33	308±	35	306±	40	309±	38	316±	30
7500 ppm	308±	26	310±	25	311±	26	309±	26	310±	26	307±	28	311±	31
15000 ppm	285±	35**	289±	31**	291±	32**	292±	29*	292±	32	294±	29*	297±	30**
30000 ppm	267±	28**	260±	27**	266±	23**	267±	24**	266±	22**	270±	23**	275±	21**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 18

Group Name	Administration week		100		102		104	
	98							
Control	317± 30		316± 29		314± 31		313± 35	
7500 ppm	310± 29		310± 29		311± 28		311± 30	
15000 ppm	297± 30**		295± 34**		300± 32		295± 36*	
30000 ppm	269± 34**		276± 28**		270± 30**		274± 19**	

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

Test of Dunnett

(HAN260)

BAIS3

## APPENDIX B 3

### BODY WEIGHT CHANGES (TOW-YEAR STUDY:SUMMARY)

MOSUE : MALE

STUDY NO. : 0225  
 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	22.5± 0.7	24.1± 0.8	24.9± 0.9	25.9± 1.0	27.0± 1.0	27.9± 1.2	28.6± 1.4
10000 ppm	22.5± 0.7	23.9± 0.9	24.7± 1.3	25.9± 1.0	26.9± 1.1	27.1± 1.7*	28.3± 1.6
20000 ppm	22.5± 0.7	23.6± 1.0	24.7± 0.9	25.8± 1.1	26.9± 0.9	27.3± 1.5	28.4± 1.1
40000 ppm	22.5± 0.7	23.4± 1.2**	24.4± 1.0	25.5± 1.0	26.4± 1.0**	26.8± 1.2**	27.7± 1.3**

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0225  
 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	29.0± 1.6	29.7± 1.7	30.4± 1.8	31.4± 2.0	31.9± 2.2	33.1± 2.2	33.6± 2.3
10000 ppm	28.9± 2.0	29.9± 1.8	30.8± 2.0	31.8± 2.1	32.2± 2.1	33.3± 2.1	33.9± 2.3
20000 ppm	28.9± 1.2	29.7± 1.4	30.6± 1.3	31.6± 1.4	32.1± 1.6	33.2± 1.5	34.0± 1.6
40000 ppm	28.2± 1.4*	29.0± 1.8	29.7± 1.8	30.7± 2.0	31.2± 2.0	32.3± 2.0	32.9± 2.0

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0225  
 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	34.4± 2.5	35.7± 2.6	37.5± 2.8	38.9± 2.9	39.4± 3.2	40.4± 3.4	41.4± 3.8
10000 ppm	34.8± 2.3	36.0± 2.4	38.1± 2.8	39.5± 3.0	40.3± 3.2	40.9± 3.3	42.0± 3.5
20000 ppm	35.1± 1.8	36.2± 2.1	38.0± 2.1	39.5± 2.3	40.4± 2.5	41.5± 2.7	42.6± 2.9
40000 ppm	33.9± 2.1	35.1± 2.3	36.6± 2.4	38.0± 2.6	38.7± 2.8	39.5± 2.8	40.6± 2.9

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

(HAN260)

BAIS 3

STUDY NO. : 0225  
 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	42.3± 4.0	43.3± 4.2	44.7± 4.1	45.2± 4.4	45.9± 4.1	46.2± 4.1	46.6± 4.2
10000 ppm	43.0± 3.7	44.1± 3.7	45.4± 4.0	45.8± 3.9	46.1± 3.8	46.5± 3.8	47.0± 3.7
20000 ppm	43.8± 3.1	44.8± 3.2	46.4± 3.3	46.8± 3.1	46.8± 2.9	47.1± 2.9	47.8± 3.1
40000 ppm	41.6± 3.2	42.6± 3.3	43.9± 3.2	44.3± 3.1	44.4± 2.9	44.6± 3.0	45.1± 3.1

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

(HAN260)

BAIS 3

STUDY NO. : 0225  
 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	47.0± 4.5	47.6± 4.1	47.8± 4.2	48.0± 4.4	49.2± 4.0	50.2± 4.0	49.2± 3.9
10000 ppm	47.4± 3.6	48.6± 3.6	48.3± 3.5	48.4± 3.4	49.0± 3.4	50.0± 3.3	49.7± 3.1
20000 ppm	48.3± 2.9	49.1± 2.8*	49.2± 2.7	49.3± 2.7	50.0± 2.6	50.9± 2.7	49.9± 2.6
40000 ppm	45.2± 3.2**	46.2± 3.0	46.4± 3.0	46.7± 3.1	47.1± 3.2**	47.6± 4.0**	46.8± 4.0**

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

(HAN260)

BAIS3



STUDY NO. : 0225  
 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	49.5± 4.1	49.2± 4.0	50.4± 4.0	51.4± 4.0	51.5± 3.9	51.5± 3.7	51.8± 3.9
10000 ppm	49.6± 3.4	49.4± 3.6	50.2± 3.5	51.0± 3.4	51.5± 3.5	51.1± 4.0	52.2± 3.1
20000 ppm	49.8± 2.8	50.0± 2.7	51.4± 2.5	51.9± 2.5	52.3± 2.6	51.9± 2.8	51.9± 4.1
40000 ppm	46.6± 4.0**	46.5± 4.5**	47.9± 4.8**	49.0± 2.8**	49.4± 3.1*	48.9± 3.4**	48.8± 4.9**

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

(HAN260)

BAIS 3

STUDY NO. : 0225  
 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	52.2± 3.9	52.7± 3.9	52.9± 4.0	52.9± 4.4	53.2± 4.3	53.3± 4.4	53.7± 4.7
10000 ppm	52.1± 3.1	52.7± 3.1	52.9± 3.1	52.7± 3.1	53.0± 3.1	53.5± 3.4	53.1± 3.6
20000 ppm	52.5± 3.4	52.4± 4.3	52.6± 4.5	53.2± 5.1	53.1± 5.3	53.3± 5.5	52.9± 5.8
40000 ppm	49.2± 4.2**	49.5± 4.7**	49.9± 5.1**	50.0± 5.7*	50.0± 6.4*	51.0± 5.3	50.4± 6.2**

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

(HAN260)

BAIS 3

STUDY NO. : 0225  
 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	53.7± 5.2	53.0± 5.7	52.4± 6.2	51.6± 7.2	51.8± 7.8	51.5± 8.8	51.4± 8.0
10000 ppm	53.3± 4.5	53.1± 5.0	53.6± 5.1	53.0± 5.9	54.1± 5.2	53.4± 6.4	53.2± 5.9
20000 ppm	52.4± 6.9	52.9± 6.7	52.7± 7.1	51.3± 7.4	51.9± 7.5	50.9± 7.9	50.0± 8.1
40000 ppm	50.9± 5.5	50.1± 6.1	49.9± 6.7	49.3± 7.3	50.3± 6.6	49.4± 7.4	48.1± 7.8

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

(HAN260)

BAIS3

STUDY NO. : 0225  
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	50.8± 7.3	49.9± 7.9	49.9± 7.8	49.5± 8.6
10000 ppm	53.8± 4.7	53.1± 4.9	52.6± 5.1	52.3± 5.0
20000 ppm	49.3± 8.5	49.3± 8.2	48.5± 8.2	48.0± 8.5
40000 ppm	47.3± 8.7	46.0± 9.3	46.4± 9.0	46.6± 9.7

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

(HAN260)

BAIS3

## APPENDIX B 4

BODY WEIGHT CHANGES (TOW-YEAR STUDY: SUMMARY)

MOSUE: FEMALE

STUDY NO. : 0225  
 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	18.1± 0.6	19.2± 0.7	19.8± 0.7	20.6± 0.8	21.5± 0.9	22.0± 0.9	22.5± 1.0
10000 ppm	18.1± 0.6	19.2± 0.6	19.9± 0.7	20.7± 0.8	21.6± 0.9	21.7± 0.9	22.4± 0.7
20000 ppm	18.1± 0.6	19.0± 0.9	19.6± 0.7	20.5± 0.6	21.3± 0.8	21.4± 1.4	22.4± 0.9
40000 ppm	18.1± 0.6	19.3± 0.7	19.7± 0.7	20.7± 0.8	21.5± 0.8	21.2± 1.7	22.2± 0.9

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 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	22.8± 1.2	23.2± 1.1	23.6± 1.2	24.0± 1.3	23.9± 1.4	24.9± 1.5	24.4± 1.7
10000 ppm	22.5± 1.2	23.1± 1.1	23.7± 1.0	24.1± 0.9	23.9± 1.1	24.4± 1.1	24.1± 1.2
20000 ppm	22.6± 0.9	23.2± 0.9	23.7± 1.0	24.0± 1.1	23.7± 0.9	24.4± 1.5	24.1± 1.4
40000 ppm	22.6± 1.0	23.0± 1.2	23.5± 1.1	24.0± 1.1	23.9± 1.2	24.3± 1.5	24.1± 1.3

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 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	24.7± 1.7	25.4± 2.2	26.4± 2.3	26.8± 2.4	27.0± 2.7	27.4± 3.0	28.1± 3.2
10000 ppm	24.7± 1.2	25.4± 1.4	26.2± 1.5	26.8± 1.7	27.4± 1.9	26.9± 1.7	27.9± 1.9
20000 ppm	24.5± 1.5	25.0± 1.6	26.1± 1.7	26.4± 1.8	27.2± 2.3	27.5± 2.3	27.5± 2.7
40000 ppm	24.6± 1.4	25.0± 1.7	25.9± 1.6	26.4± 1.8	26.9± 2.0	27.1± 2.1	27.3± 2.4

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

(HAN260)

BAIS 3



STUDY NO. : 0225  
 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	29.0± 3.0	29.4± 3.3	30.4± 3.5	30.4± 3.9	30.9± 4.0	30.6± 3.6	31.7± 3.8
10000 ppm	28.6± 2.1	29.1± 2.4	30.4± 2.6	30.3± 2.7	31.0± 2.9	30.8± 2.9	31.6± 3.0
20000 ppm	28.3± 2.8	28.4± 3.1	30.0± 2.8	29.6± 3.0	30.5± 3.0	30.1± 3.0	31.0± 3.2
40000 ppm	27.4± 2.0*	28.1± 2.6	29.0± 2.8	29.6± 2.6	29.8± 2.8	29.7± 3.2	30.3± 3.2

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0225  
 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	31.9± 3.6	31.9± 3.9	31.6± 4.0	32.8± 3.9	32.6± 4.3	33.0± 4.2	32.3± 3.9
10000 ppm	31.6± 3.0	32.0± 3.5	31.8± 3.2	33.0± 3.2	32.8± 3.4	32.8± 3.2	32.3± 2.8
20000 ppm	31.3± 3.1	31.6± 3.5	31.2± 3.3	32.1± 3.3	32.2± 3.4	33.0± 3.8	32.4± 3.5
40000 ppm	29.7± 2.9**	30.4± 3.0	30.4± 3.1	30.9± 3.2*	31.3± 3.0	32.0± 3.5	31.6± 3.0

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 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	32.8± 4.3	33.2± 3.7	34.1± 4.5	35.3± 4.7	35.8± 4.7	36.3± 4.8	36.5± 4.9
10000 ppm	31.6± 3.2	32.6± 3.2	34.1± 3.4	34.8± 3.6	35.3± 4.1	35.9± 3.9	36.2± 4.6
20000 ppm	31.9± 3.6	32.6± 3.4	33.9± 4.0	34.3± 4.0	35.6± 4.0	35.2± 3.9	35.1± 4.1
40000 ppm	31.7± 3.0	32.4± 3.3	33.0± 3.1	33.5± 3.4	34.6± 3.5	34.3± 3.1	34.4± 3.4

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

(HAN260)

BAIS 3

STUDY NO. : 0225  
 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	36.4± 4.1	36.7± 4.9	37.4± 4.8	37.2± 5.3	38.1± 5.2	37.8± 5.2	38.3± 5.7
10000 ppm	36.2± 4.3	36.3± 4.1	36.7± 4.6	37.5± 4.8	37.4± 4.9	37.8± 5.2	38.0± 5.2
20000 ppm	35.3± 3.9	36.3± 4.1	36.3± 4.0	37.0± 4.6	37.1± 4.6	37.6± 4.5	37.8± 4.4
40000 ppm	34.4± 3.3	34.9± 3.7	35.0± 3.8	35.9± 3.5	36.0± 3.8	36.4± 4.5	36.2± 3.6*

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0225  
 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	37.7± 5.7	38.0± 5.6	37.8± 5.6	37.6± 5.8	36.8± 5.9	37.1± 6.1	36.3± 6.3
10000 ppm	38.1± 5.2	37.1± 5.2	36.9± 5.2	36.4± 5.3	36.7± 5.7	36.0± 5.5	35.3± 5.6
20000 ppm	37.6± 4.9	37.6± 4.6	37.5± 5.5	37.1± 4.8	36.0± 4.7	36.7± 5.0	35.9± 5.5
40000 ppm	36.6± 4.1	36.1± 3.5	36.3± 3.7	35.9± 4.0	35.9± 4.2	35.9± 4.5	35.3± 4.5

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

(HAN260)

BAIS3

STUDY NO. : 0225  
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	37.6± 6.8	36.4± 4.8	36.6± 4.7	36.2± 4.3
10000 ppm	35.3± 4.9	36.3± 4.5	36.5± 5.0	35.4± 4.2
20000 ppm	35.8± 5.6	35.4± 5.3	34.7± 6.0	36.1± 3.1
40000 ppm	35.0± 3.5	35.4± 3.9	34.5± 4.5	34.9± 4.2

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

Test of Dunnett

(HAN260)

BAIS3

## APPENDIX C 1

WATER CONSUMPTION CHANGES (TOW-YEAR STUDY: SUMMARY)

RAT : MALE

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 1

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	19.6± 1.4	20.8± 1.4	21.8± 2.8	22.3± 3.1	21.6± 3.7	20.8± 2.2	20.8± 2.2
7500 ppm	20.6± 2.1*	21.9± 2.7	21.6± 1.4	22.3± 2.1	22.9± 4.1	21.9± 2.7*	21.5± 1.8
15000 ppm	21.7± 2.9**	22.8± 5.1**	22.6± 2.1**	23.0± 2.4*	22.9± 2.6**	22.8± 2.4**	22.7± 2.9**
30000 ppm	20.4± 2.2	20.1± 2.4	20.2± 1.9*	20.8± 2.2*	20.4± 2.1	20.3± 2.1	19.9± 1.8

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

Test of Dunnett

(HAN260)

BAIS3



STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	21.7± 2.2	21.9± 2.4	21.4± 2.7	21.7± 3.2	20.7± 3.2	21.6± 2.2	22.2± 2.9
7500 ppm	22.2± 2.1	22.4± 1.6	21.9± 2.3	21.7± 1.9	20.9± 1.4	21.8± 1.5	21.8± 1.1
15000 ppm	23.0± 2.2*	23.1± 3.0	22.5± 2.2	22.1± 1.6*	21.4± 1.9	22.1± 1.6	22.8± 1.7*
30000 ppm	20.4± 2.2**	20.7± 2.1*	21.0± 2.5	21.0± 2.6	21.0± 3.1	21.4± 2.1	21.4± 1.8

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week						
	16	18	20	22	24	26	28
Control	19.7± 2.3	19.3± 1.8	20.1± 2.9	19.1± 3.1	18.6± 1.9	19.1± 1.8	18.6± 1.9
7500 ppm	19.6± 1.2	19.3± 1.3	19.9± 2.1	19.4± 2.1	19.0± 1.5	19.1± 1.2	19.5± 2.0**
15000 ppm	20.1± 1.2	19.8± 1.9	20.7± 2.8	19.4± 1.4	19.9± 2.9**	20.3± 1.7**	19.7± 1.1**
30000 ppm	19.7± 1.7	19.8± 1.7	19.7± 1.7	19.3± 1.7	19.7± 1.7**	20.3± 1.5**	20.3± 1.5**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration week						
	30	32	34	36	38	40	42
Control	18.8± 1.9	18.4± 1.8	17.5± 2.5	18.6± 1.9	18.5± 1.8	18.8± 1.9	18.9± 1.9
7500 ppm	19.2± 1.2*	19.0± 1.1*	18.0± 1.1**	18.9± 1.0	18.9± 0.9*	19.2± 1.3	19.4± 1.1
15000 ppm	19.6± 1.1**	18.9± 1.9**	18.4± 1.5**	19.6± 2.5**	19.2± 1.8**	19.6± 1.2**	19.8± 1.2**
30000 ppm	20.0± 1.4**	19.8± 1.3**	18.6± 1.5**	19.9± 1.6**	19.6± 1.5**	20.1± 1.4**	20.3± 1.3**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 5

Group Name	Administration week						
	44	46	48	50	52	54	56
Control	19.4± 1.9	19.5± 2.1	20.0± 2.0	20.2± 2.3	20.0± 2.1	20.1± 2.3	20.3± 1.9
7500 ppm	19.8± 1.2	20.0± 1.1	20.3± 1.1	20.5± 1.4	20.5± 2.4	20.4± 1.1	20.4± 1.4
15000 ppm	20.7± 1.6**	20.6± 2.2**	21.6± 2.2**	21.1± 1.4**	20.8± 1.6**	21.4± 1.5**	21.1± 2.7**
30000 ppm	21.3± 1.9**	21.0± 1.6**	22.0± 1.6**	21.7± 1.7**	21.7± 1.7**	22.6± 1.7**	22.1± 2.0**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 6

Group Name	Administration week						
	58	60	62	64	66	68	70
Control	20.5± 2.0	20.1± 2.1	20.3± 2.2	20.0± 2.2	20.0± 2.8	19.1± 2.9	20.6± 2.7
7500 ppm	20.5± 1.3	20.1± 1.4	19.7± 2.4	20.3± 1.9	20.6± 1.6	19.9± 1.9	20.4± 1.7
15000 ppm	21.4± 1.8*	20.6± 1.9	20.9± 2.2	21.3± 3.1*	21.4± 2.6**	20.5± 2.4**	21.4± 2.1
30000 ppm	22.0± 1.9**	21.7± 2.3**	22.1± 2.1**	22.0± 1.6**	22.0± 2.1**	21.3± 2.0**	22.2± 2.0**

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration week						
	72	74	76	78	80	82	84
Control	19.4± 2.2	20.3± 2.6	20.8± 2.8	22.1± 2.9	20.6± 2.9	22.1± 3.2	21.5± 3.7
7500 ppm	19.5± 1.9	21.1± 2.9	20.9± 3.2	22.6± 4.7	21.3± 3.6	22.3± 3.3	22.2± 3.2
15000 ppm	20.8± 2.5*	21.9± 3.5*	22.1± 2.9	23.2± 3.3	22.0± 3.7	23.3± 3.8	23.3± 4.4
30000 ppm	21.6± 2.5**	22.7± 2.5**	22.4± 3.0*	24.4± 3.1**	23.0± 3.1**	24.0± 2.7*	24.3± 4.1**

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

Test of Dunnett

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration week						
	86	88	90	92	94	96	98
Control	23.5± 3.9	23.5± 3.8	23.9± 5.1	24.2± 4.8	23.8± 5.6	23.9± 5.4	26.4± 6.7
7500 ppm	23.2± 3.6	23.8± 3.5	23.2± 3.7	24.8± 5.6	23.4± 4.4	24.7± 4.9	25.8± 6.6
15000 ppm	24.3± 4.9	23.6± 3.4	23.8± 5.4	23.9± 4.8	24.2± 5.2	26.3± 6.1	27.6± 6.8
30000 ppm	24.3± 3.3	24.2± 3.4	23.9± 3.6	25.1± 4.3	24.7± 4.4	26.5± 5.4	25.1± 7.8

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 9

Group Name	Administration week		
	100	102	104
Control	26.1± 5.0	29.4± 7.3	26.8± 4.9
7500 ppm	26.2± 5.3	26.4± 7.9	26.1± 6.9
15000 ppm	26.2± 6.5	28.7± 8.5	26.2± 7.3
30000 ppm	25.4± 6.2	26.7± 5.2	26.1± 7.0

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

Test of Dunnett

(HAN260)

BAIS 3



## APPENDIX C 2

WATER CONSUMPTION CHANGES (TOW-YEAR STUDY: SUMMARY)

RAT : FEMALE

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	17.3± 3.9	18.0± 6.0	17.5± 3.6	17.7± 5.6	17.7± 4.0	18.4± 6.3	17.6± 4.9
7500 ppm	18.8± 5.8**	20.9± 8.8**	19.9± 5.3**	19.1± 4.5**	18.5± 4.5	19.6± 6.4	21.1± 8.6*
15000 ppm	17.3± 1.3*	18.3± 4.7	19.0± 4.8**	18.9± 3.4**	19.0± 5.6	20.3± 7.6	18.6± 5.4
30000 ppm	17.7± 1.9**	17.1± 4.7	16.6± 1.9	17.3± 4.4	16.2± 1.9	17.2± 4.2	16.6± 4.7

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	18.2± 4.7	19.3± 6.2	19.3± 5.9	19.7± 6.8	19.3± 7.3	18.7± 5.0	20.1± 5.4
7500 ppm	20.1± 6.3	20.6± 6.5	21.2± 7.7	20.0± 6.6	19.0± 5.5	20.2± 6.6	20.6± 5.1
15000 ppm	19.4± 6.3	19.5± 5.5	18.4± 3.5	19.6± 5.7	18.6± 6.0	17.5± 3.4	20.8± 6.5
30000 ppm	17.5± 6.5	16.7± 4.1*	16.7± 4.7**	15.7± 3.9**	17.9± 7.8	17.2± 4.9	18.0± 5.6

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 12

Group Name	Administration week						
	16	18	20	22	24	26	28
Control	18.7± 6.5	19.5± 6.2	19.6± 6.3	18.2± 5.6	18.5± 5.4	18.1± 5.9	17.7± 5.3
7500 ppm	19.5± 6.2	18.8± 4.3	18.7± 4.4	19.5± 6.9	19.0± 4.8	20.0± 6.6	18.1± 4.5
15000 ppm	19.5± 6.6	19.8± 5.7	19.3± 5.4	18.2± 4.6	19.5± 6.3	19.4± 5.9	18.1± 4.7
30000 ppm	15.7± 3.5*	16.3± 3.1**	16.8± 3.7*	16.5± 5.1	17.3± 5.2	17.8± 5.2	16.7± 4.2

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 13

Group Name	Administration week						
	30	32	34	36	38	40	42
Control	16.5± 4.0	15.7± 2.8	14.8± 3.8	16.7± 5.5	15.6± 2.6	16.3± 4.3	17.3± 6.8
7500 ppm	18.7± 5.3*	17.9± 5.3	15.9± 4.0*	19.9± 8.0	17.7± 5.1	18.0± 4.8	18.9± 7.0
15000 ppm	17.5± 4.5	19.3± 7.2	16.0± 4.3*	18.1± 5.4	18.4± 6.2	17.6± 5.5	17.7± 4.5
30000 ppm	15.9± 3.8	17.7± 5.4	14.7± 2.3	16.8± 4.3	16.4± 4.6	16.4± 4.1	16.9± 5.0

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 14

Group Name	Administration week						
	44	46	48	50	52	54	56
Control	16.7± 4.1	16.0± 3.1	16.7± 3.2	17.4± 5.7	17.5± 5.7	16.2± 2.7	15.6± 3.1
7500 ppm	17.9± 4.9	17.4± 3.6	18.0± 3.2	19.1± 5.5	19.3± 5.9	17.9± 3.9*	17.7± 4.5**
15000 ppm	17.3± 3.0	17.8± 3.8	18.6± 4.8	19.0± 5.7	18.3± 5.1	16.8± 2.6	17.9± 4.9**
30000 ppm	18.3± 5.9	18.1± 4.0*	17.9± 4.5	18.4± 4.2	19.0± 5.7	18.3± 2.9**	18.9± 4.6**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 15

Group Name	Administration week						
	58	60	62	64	66	68	70
Control	16.5± 2.4	15.7± 3.8	16.5± 3.0	16.1± 3.5	16.0± 3.1	14.9± 2.7	15.7± 3.5
7500 ppm	18.9± 4.5**	17.6± 3.4**	18.6± 4.6*	18.2± 4.6	18.3± 5.1**	16.8± 3.9*	16.3± 3.6
15000 ppm	18.7± 4.8*	18.5± 5.1**	17.4± 3.0	17.2± 4.0	16.8± 3.1	16.3± 3.1	16.4± 3.2
30000 ppm	18.0± 3.2*	18.7± 4.9**	18.0± 5.3	17.8± 3.5	18.8± 5.4**	17.5± 3.4**	17.9± 3.7*

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 16

Group Name	Administration week						
	72	74	76	78	80	82	84
Control	15.3± 3.1	15.9± 4.5	15.8± 2.7	16.9± 4.1	15.5± 2.5	17.1± 3.9	16.5± 2.9
7500 ppm	16.9± 3.7*	17.8± 3.3**	17.5± 3.4*	18.0± 3.0*	17.9± 4.1**	19.4± 4.9*	19.1± 4.2**
15000 ppm	17.0± 5.1	17.2± 4.6	17.7± 4.0*	18.7± 3.5**	17.6± 4.4*	19.2± 4.1*	17.9± 3.5*
30000 ppm	18.5± 5.0**	18.2± 5.2**	17.9± 4.3**	18.9± 5.8**	19.0± 6.2**	19.9± 3.8*	20.9± 6.3**

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

Test of Dunnett

(HAN260)

BAIS 3



STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 17

Group Name	Administration week						
	86	88	90	92	94	96	98
Control	17.5± 3.2	17.1± 2.6	16.9± 4.8	17.7± 4.2	17.9± 4.3	18.9± 3.8	19.0± 4.2
7500 ppm	19.6± 3.6*	19.4± 3.9**	18.6± 3.7	19.8± 4.2	18.4± 4.2	20.8± 4.6	20.0± 5.1
15000 ppm	18.9± 3.2	18.8± 3.3*	18.2± 3.5	19.8± 3.8	19.0± 3.8	20.2± 4.8	20.2± 4.7
30000 ppm	19.8± 4.6*	19.9± 4.3**	19.7± 4.0*	20.9± 5.8*	20.5± 4.9	22.4± 5.5**	21.7± 5.6

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 18

Group Name	Administration week		
	100	102	104
Control	19.5± 4.3	20.5± 5.3	20.5± 5.7
7500 ppm	21.1± 5.4	23.0± 6.6	22.9± 5.5
15000 ppm	20.9± 5.8	22.4± 4.7	21.6± 4.8
30000 ppm	21.0± 7.2	19.1± 4.7	21.6± 4.6

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS3

## APPENDIX C 3

### WATER CONSUMPTION CHANGES (TOW-YEAR STUDY: SUMMARY)

MOSUE : MALE

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 1

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	4.9± 0.6	5.0± 0.8	4.7± 0.6	6.1± 2.0	6.9± 6.0	6.6± 3.1	9.7± 7.5
10000 ppm	5.3± 0.7**	5.1± 0.8	5.0± 0.7*	5.5± 0.9	5.2± 1.6	6.3± 2.2	6.4± 2.6
20000 ppm	5.2± 0.7	5.2± 0.6	5.2± 0.9**	5.9± 0.9	5.6± 1.3	6.7± 1.9*	6.9± 2.8
40000 ppm	5.6± 0.8**	5.6± 0.7**	5.7± 0.8**	7.0± 1.1**	7.2± 3.4**	7.2± 2.4**	7.8± 3.6

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	7.2± 5.6	6.3± 3.5	5.9± 2.5	6.4± 3.1	6.4± 3.6	6.9± 5.4	6.4± 3.6
10000 ppm	6.4± 3.3	6.2± 1.0	5.7± 1.6	5.4± 1.2	5.8± 1.6	5.5± 2.0	5.4± 1.0
20000 ppm	6.9± 2.5*	6.7± 1.6**	6.0± 1.7	6.5± 3.6	5.9± 1.0*	5.6± 2.6	6.1± 2.8*
40000 ppm	7.6± 2.9**	7.0± 1.8**	6.4± 1.4**	6.6± 2.7*	6.4± 1.3**	6.0± 1.7*	6.2± 2.0**

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week						
	16	18	20	22	24	26	28
Control	7.2± 6.3	6.8± 5.6	5.3± 2.9	5.2± 2.4	5.2± 4.3	4.9± 2.4	5.2± 2.6
10000 ppm	5.6± 2.2	4.9± 0.5	4.6± 0.8	4.7± 0.6	4.7± 1.8	4.7± 0.7*	4.4± 0.6
20000 ppm	5.5± 1.8	5.3± 1.7	4.9± 1.1	5.0± 1.1	4.4± 0.5	4.5± 0.3	4.8± 1.6
40000 ppm	5.9± 1.8**	5.7± 1.5	5.3± 1.4**	5.6± 1.2**	5.2± 1.7**	4.8± 0.5**	4.9± 0.5**

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration week						
	30	32	34	36	38	40	42
Control	5.2± 2.3	5.5± 3.7	5.0± 3.0	4.9± 1.6	4.4± 1.1	4.9± 2.0	4.9± 2.0
10000 ppm	4.4± 0.8	4.3± 0.4	4.4± 0.7	4.6± 0.6	4.2± 0.3	4.4± 0.4	4.6± 0.8
20000 ppm	4.6± 1.3	4.6± 1.0	4.8± 3.2	4.5± 1.3	4.6± 1.6	4.9± 1.1	4.9± 0.8
40000 ppm	4.7± 1.1	5.1± 0.8**	4.9± 0.6**	4.8± 0.5	4.6± 0.5**	5.0± 0.6**	4.8± 0.9*

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 5

Group Name	Administration week						
	44	46	48	50	52	54	56
Control	5.3± 2.3	5.6± 3.9	6.2± 5.7	5.1± 2.3	4.5± 1.2	5.4± 2.5	5.1± 1.4
10000 ppm	4.6± 0.4	4.4± 0.4	4.7± 0.4*	4.6± 0.4	4.3± 0.6	4.6± 0.4	4.7± 0.5
20000 ppm	4.9± 1.4	4.7± 1.1	4.9± 0.5	4.7± 0.8	4.5± 0.7	4.8± 0.6	5.0± 0.9
40000 ppm	5.2± 1.5	5.0± 0.5**	5.4± 1.0**	5.0± 1.3**	4.8± 0.9**	5.2± 1.9	5.5± 2.0**

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 3



STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 6

Group Name	Administration week						
	58	60	62	64	66	68	70
Control	5.2± 2.3	5.3± 2.1	4.9± 1.3	5.3± 1.9	5.0± 0.9	5.2± 1.9	4.7± 1.2
10000 ppm	4.5± 0.4	4.6± 0.7	4.5± 0.5	5.5± 5.5	5.0± 1.0	4.6± 0.5	4.4± 0.3
20000 ppm	5.0± 0.6*	5.0± 0.5	4.5± 0.4	4.8± 0.6	4.9± 0.7	4.9± 0.9	4.6± 0.6
40000 ppm	5.3± 1.5**	5.2± 1.3*	4.8± 0.6	5.2± 0.8	5.2± 1.3	5.3± 1.8	5.1± 1.7**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration week						
	72	74	76	78	80	82	84
Control	5.1± 1.8	4.8± 0.9	5.6± 2.8	5.0± 1.8	5.2± 1.4	5.2± 1.0	5.1± 1.0
10000 ppm	4.4± 0.3	4.6± 0.7	4.5± 0.5**	4.5± 0.4	4.7± 0.4	4.6± 0.6**	4.7± 1.0
20000 ppm	4.8± 0.7	4.8± 0.8	5.1± 1.4	4.9± 0.8	5.1± 1.2	5.0± 1.4	5.1± 1.9
40000 ppm	5.5± 2.7*	5.8± 2.9**	5.9± 3.1	5.5± 2.5	5.5± 1.7	5.6± 2.2	6.0± 2.8

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration week						
	86	88	90	92	94	96	98
Control	5.1± 1.7	5.9± 2.9	5.9± 4.0	5.5± 1.9	5.3± 2.1	5.6± 2.2	5.5± 2.1
10000 ppm	5.0± 2.1	5.0± 1.0	4.9± 1.8	5.0± 0.4	4.7± 0.6	5.1± 1.1	4.9± 0.8
20000 ppm	5.4± 2.0	5.9± 2.3	6.6± 3.5*	6.7± 3.2**	6.8± 4.2*	7.4± 4.7**	6.9± 4.1**
40000 ppm	6.3± 3.6	6.6± 4.1	7.2± 6.1	7.1± 5.5*	7.3± 5.3*	7.3± 5.4	8.2± 5.9**

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

(HAN260)

BAIS 3

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
UNIT : g  
REPORT TYPE : AI 104  
SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 9

Group Name	Administration week		
	100	102	104
Control	6.2± 2.8	6.2± 2.9	6.3± 3.3
10000 ppm	5.0± 1.0	5.3± 1.3	5.2± 0.7
20000 ppm	6.5± 2.5	6.1± 2.4	6.5± 2.2
40000 ppm	8.0± 5.5	8.0± 6.5	8.0± 5.7

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

(HAN260)

BAIS3

## APPENDIX C 4

WATER CONSUMPTION CHANGES (TOW-YEAR STUDY: SUMMARY)

MOSUE : FEMALE

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	4.7± 0.4	4.6± 0.6	4.6± 0.6	5.8± 1.3	6.0± 2.6	6.1± 2.5	7.8± 3.5
10000 ppm	4.8± 0.4	5.0± 0.6**	4.9± 0.7	5.5± 1.1	6.3± 2.9	7.4± 3.8**	8.3± 5.2
20000 ppm	4.9± 0.7**	5.3± 0.7**	5.4± 0.7**	7.2± 2.1**	7.5± 4.4*	8.1± 4.9**	7.4± 3.4
40000 ppm	5.6± 0.6**	5.6± 0.6**	5.7± 0.7**	7.8± 3.4**	6.8± 3.2*	7.7± 2.9**	8.0± 3.3

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	6.3± 2.2	7.5± 4.3	7.0± 5.6	8.0± 4.5	7.7± 4.5	8.5± 7.4	10.0± 8.0
10000 ppm	8.9± 7.4*	8.1± 3.9	7.5± 6.1	8.1± 4.3	8.1± 3.8	7.8± 5.7	9.4± 6.2
20000 ppm	7.6± 3.2**	7.4± 3.8	7.6± 5.2*	8.7± 7.2	7.8± 5.0	9.4± 7.7	9.3± 6.4
40000 ppm	8.1± 4.6**	7.5± 4.2	6.8± 3.1**	7.1± 2.4	7.3± 3.2	8.0± 6.7	8.3± 4.9

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 12

Group Name	Administration week						
	16	18	20	22	24	26	28
Control	8.3± 5.9	8.0± 6.1	8.4± 8.0	7.0± 5.6	7.7± 6.1	6.7± 3.7	7.9± 7.6
10000 ppm	7.9± 4.2	7.5± 3.6	6.7± 2.8	6.9± 3.1	6.4± 3.0	6.1± 2.3	6.2± 2.7
20000 ppm	7.2± 3.8	7.7± 4.1	6.1± 2.5	6.3± 2.2	6.2± 1.9	6.5± 2.1	6.2± 2.2
40000 ppm	7.0± 2.5	7.3± 3.6	6.8± 4.8	6.1± 2.4	7.1± 4.1	6.1± 1.9	6.4± 3.5

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS3



STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 13

Group Name	Administration week						
	30	32	34	36	38	40	42
Control	7.2± 3.8	7.3± 4.9	6.6± 4.0	6.6± 5.7	5.9± 3.5	6.0± 3.0	6.1± 2.8
10000 ppm	6.9± 3.1	5.8± 1.8	5.6± 2.6	6.2± 2.4	5.8± 2.7	6.0± 2.6	6.8± 3.9
20000 ppm	5.9± 2.1	6.0± 1.9	6.5± 4.5	6.4± 2.9	6.0± 2.4	6.6± 3.7	6.6± 3.4
40000 ppm	6.1± 2.3	6.8± 4.1	6.1± 2.0	6.0± 3.3	5.4± 2.1	5.8± 1.7	5.4± 1.5

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 14

Group Name	Administration week						
	44	46	48	50	52	54	56
Control	6.1± 2.3	5.4± 1.7	5.6± 1.3	6.3± 2.3	5.2± 1.4	6.3± 3.3	6.5± 4.4
10000 ppm	6.6± 3.7	6.2± 4.1	6.5± 3.3	6.5± 3.1	5.5± 2.3	7.2± 5.5	6.2± 3.3
20000 ppm	7.0± 4.4	6.2± 4.9	5.9± 1.6	6.6± 5.7	5.7± 2.5	6.1± 2.8	5.9± 1.8
40000 ppm	5.6± 1.4	5.6± 1.5	5.8± 1.3	6.0± 2.1	5.3± 1.0	5.5± 1.5	5.6± 1.3

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 15

Group Name	Administration week						
	58	60	62	64	66	68	70
Control	5.5± 2.5	5.3± 1.8	5.1± 1.8	4.9± 1.2	5.6± 2.8	5.0± 1.7	4.7± 1.7
10000 ppm	5.5± 2.1	5.9± 2.5	5.1± 1.9	5.4± 2.2	5.2± 2.0	5.1± 1.8	4.7± 1.7
20000 ppm	5.6± 2.6	5.9± 2.9	5.0± 1.8	5.8± 2.5	6.0± 5.6	5.7± 3.5	5.0± 1.7
40000 ppm	5.1± 1.0	5.6± 1.9	4.7± 0.8	5.3± 1.3	4.9± 0.7	4.9± 0.9	4.9± 1.6

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

(HAN260)

BAIS 3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 16

Group Name	Administration week						
	72	74	76	78	80	82	84
Control	4.8± 1.2	5.1± 2.5	4.7± 2.2	4.7± 1.9	4.8± 1.9	4.5± 1.2	4.4± 1.3
10000 ppm	4.8± 1.4	5.1± 2.6	5.0± 2.1	4.2± 1.0	4.8± 1.7	4.6± 1.5	4.7± 1.4
20000 ppm	5.5± 2.1	5.2± 1.4	5.2± 1.8*	4.9± 1.5	5.5± 2.3	5.0± 0.9	5.0± 1.3**
40000 ppm	5.0± 0.9	5.1± 0.9**	5.0± 0.9*	4.8± 1.1	5.4± 1.9	5.1± 1.5*	5.4± 2.1**

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 17

Group Name	Administration week						
	86	88	90	92	94	96	98
Control	4.4± 1.0	4.7± 1.3	4.6± 0.9	4.3± 0.9	4.3± 1.1	4.8± 1.2	4.7± 0.7
10000 ppm	4.5± 0.9	4.8± 1.3	4.5± 0.6	4.6± 1.1	4.4± 0.9	4.6± 1.0	4.4± 0.9
20000 ppm	5.0± 1.5*	5.3± 1.6	5.4± 1.3**	5.3± 1.4**	5.2± 1.2**	5.4± 1.0*	5.5± 1.4*
40000 ppm	5.0± 1.1*	5.4± 1.4	5.2± 1.3**	5.6± 2.2**	5.9± 2.8**	6.6± 6.0*	6.1± 4.0**

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

(HAN260)

BAIS3

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 18

Group Name	Administration week		
	100	102	104
Control	4.9± 0.8	4.7± 0.9	4.7± 0.8
10000 ppm	5.1± 1.0	4.8± 0.8	4.7± 0.9
20000 ppm	6.3± 2.8*	6.4± 3.7*	5.5± 0.9**
40000 ppm	5.8± 2.1*	5.8± 2.5*	6.3± 3.2**

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

Test of Dunnett

(HAN260)

BAIS3

## APPENDIX D 1

### FOOD CONSUMPTION CHANGES (TOW-YEAR STUDY: SUMMARY)

RAT : MALE

STUDY NO. : 0224  
 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	15.8± 1.0	16.3± 1.1	16.0± 0.9	16.3± 1.2	16.4± 1.4	15.8± 1.5	16.4± 1.4
7500 ppm	15.7± 0.9	16.2± 0.9	15.9± 0.9	16.1± 1.2	16.0± 1.2	15.6± 1.2	16.2± 1.1
15000 ppm	15.4± 0.9	16.0± 1.2	16.0± 1.1	16.3± 1.3	16.1± 1.5	15.9± 1.5	16.5± 1.7
30000 ppm	14.5± 0.8**	15.2± 0.9**	15.1± 0.9**	15.4± 1.2**	15.2± 1.3**	14.4± 1.3**	14.9± 1.2**

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

Test of Dunnett

(HAN260)

BAIS3



STUDY NO. : 0224  
 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	16.4± 1.5	16.2± 1.3	16.1± 1.1	16.5± 1.1	16.1± 1.1	16.6± 1.0	16.5± 1.0
7500 ppm	16.3± 1.0	16.5± 0.8	16.2± 0.8	16.7± 0.8	16.4± 1.0	16.5± 0.8	16.3± 0.8
15000 ppm	16.2± 1.2	16.6± 1.7	16.5± 1.5	16.8± 0.9	16.5± 1.5	16.7± 1.3	16.7± 1.3
30000 ppm	15.1± 1.1**	15.2± 1.0**	15.1± 1.1**	15.5± 1.2**	15.3± 1.0**	15.4± 1.0**	15.6± 1.0**

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 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	15.8± 0.9	16.1± 1.2	16.2± 1.2	16.6± 1.1	16.1± 1.1	16.1± 0.9	16.8± 1.0
7500 ppm	16.0± 0.9	16.3± 1.2	16.5± 1.1	17.0± 1.0	16.4± 1.0	16.5± 0.8*	17.1± 0.9
15000 ppm	16.1± 1.7	16.0± 1.2	16.4± 0.9	17.1± 1.9	16.7± 2.2	16.3± 1.1	17.3± 2.0
30000 ppm	15.4± 1.0	15.7± 1.2	16.2± 1.1	16.3± 1.1	15.8± 1.2	16.0± 1.1	16.4± 1.0*

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

(HAN260)

BAIS3

STUDY NO. : 0224  
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	54	58	62	66	70
Control	16.9± 1.0	17.0± 1.1	17.4± 1.0	17.5± 1.4	18.0± 1.1	17.7± 1.7	17.5± 1.0
7500 ppm	17.1± 0.9	17.1± 1.0	17.7± 1.0	17.3± 0.9	17.7± 1.8	18.1± 1.1	17.2± 1.2
15000 ppm	17.1± 2.2	17.2± 1.5	18.0± 2.0	17.4± 1.8	18.0± 2.3	17.8± 1.7	16.7± 1.8*
30000 ppm	16.2± 1.1**	16.3± 1.1**	17.1± 1.1	17.3± 3.9**	16.9± 1.0**	16.7± 1.1**	16.3± 1.2**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 5

Group Name	Administration week						
	74	78	82	86	90	94	98
Control	17.6± 1.2	17.6± 1.4	17.5± 1.8	17.3± 1.2	17.2± 1.6	16.6± 1.6	16.9± 2.0
7500 ppm	17.5± 1.5	17.5± 2.8	17.2± 1.2	16.9± 1.9	17.1± 1.3	16.9± 2.3	16.4± 2.2
15000 ppm	17.3± 1.3	17.4± 1.3	16.7± 1.5*	16.9± 1.5	16.3± 1.9	16.1± 1.7	16.0± 1.7
30000 ppm	16.6± 1.3**	16.4± 1.7**	16.3± 1.2**	16.1± 1.3**	15.9± 1.3**	15.2± 2.2**	14.0± 3.3**

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 6

Group Name	Administration week	
	102	104
Control	16.9± 1.9	17.2± 1.9
7500 ppm	16.2± 1.9	16.7± 2.0
15000 ppm	15.9± 1.9	15.7± 2.7*
30000 ppm	14.6± 1.5**	13.9± 3.2**

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

Test of Dunnett

(HAN260)

BAIS 3

## APPENDIX D 2

FOOD CONSUMPTION CHANGES (TOW-YEAR STUDY: SUMMARY)

RAT : FEMALE

STUDY NO. : 0224  
 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	11.8± 0.5	11.2± 0.7	11.4± 0.8	11.4± 0.8	11.4± 0.7	10.5± 1.0	10.8± 1.0
7500 ppm	11.6± 0.5	11.2± 0.9	11.2± 0.8	11.2± 0.8	11.2± 0.8	10.3± 0.8	10.3± 0.9*
15000 ppm	11.9± 0.5	11.8± 0.6**	11.5± 0.7	11.8± 0.8	11.5± 0.9	11.3± 0.9**	10.9± 1.0
30000 ppm	11.5± 0.6*	11.4± 0.6	11.2± 0.7	11.3± 0.9	11.2± 1.0	10.5± 0.9	10.6± 1.0

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

(HAN260)

BAIS3

STUDY NO. : 0224  
 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	10.4± 1.1	10.8± 1.0	10.6± 1.0	10.7± 1.0	10.3± 0.9	10.3± 0.8	10.7± 0.8
7500 ppm	10.1± 1.0	10.4± 0.9	10.2± 0.9	10.1± 0.8**	10.0± 0.7	9.8± 0.7**	10.4± 0.8
15000 ppm	10.7± 0.9	10.9± 0.8	10.6± 0.8	10.6± 0.8	10.2± 0.8	10.0± 0.7	10.4± 0.8
30000 ppm	10.2± 0.9	10.6± 1.2	10.0± 0.9**	10.0± 0.8**	9.7± 0.8**	9.8± 0.7**	10.2± 0.8**

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 3



STUDY NO. : 0224  
 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	11.2± 0.9	11.2± 1.0	11.3± 0.9	11.1± 1.0	10.7± 0.9	11.2± 0.9	11.5± 0.9
7500 ppm	10.7± 0.8*	10.7± 0.9*	11.1± 0.9	10.9± 0.8	10.6± 0.8	10.7± 0.9*	10.8± 1.3**
15000 ppm	10.8± 0.9	10.9± 0.8	11.3± 0.9	11.0± 0.9	10.8± 0.9	10.8± 0.9	11.0± 0.8*
30000 ppm	10.3± 0.8**	10.5± 0.8**	11.0± 0.8	10.7± 0.8	10.5± 0.9	10.7± 0.7**	11.1± 0.7*

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

Test of Dunnett

(HAN260)

BAIS 3

STUDY NO. : 0224  
 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	54	58	62	66	70
Control	11.3± 1.0	11.8± 0.9	12.1± 0.8	12.5± 1.1	12.7± 1.0	12.1± 1.0	12.2± 0.9
7500 ppm	11.3± 0.9	11.7± 0.9	11.8± 0.9	12.2± 1.1	12.3± 1.4	12.2± 1.2	11.9± 1.2
15000 ppm	11.3± 0.9	11.3± 0.8*	11.8± 0.9	12.1± 0.9	12.0± 1.1**	11.8± 1.0	11.9± 1.1
30000 ppm	11.2± 0.7	11.4± 0.7	11.9± 1.0	11.5± 0.9**	11.7± 1.6**	11.6± 1.2	11.8± 1.6

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0224  
 ANIMAL : RAT F344  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration week						
	74	78	82	86	90	94	98
Control	12.6± 1.1	12.8± 1.0	13.1± 1.3	13.0± 1.4	12.6± 1.8	12.9± 1.6	13.0± 1.4
7500 ppm	12.6± 1.3	12.4± 1.1	12.9± 1.2	12.6± 1.2	12.3± 1.3	12.1± 1.7	12.3± 2.4
15000 ppm	12.2± 1.2	12.4± 1.6	12.6± 1.1	12.3± 1.5	12.5± 1.1	12.6± 1.4	12.3± 2.1
30000 ppm	12.0± 2.4	12.0± 2.6	12.8± 2.0	11.7± 3.5	12.2± 1.1	12.7± 1.7	11.9± 2.3

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

(HAN260)

BAIS3

STUDY NO. : 0224  
ANIMAL : RAT F344  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration week	
	102	104
Control	13.1± 2.2	13.4± 1.7
7500 ppm	12.9± 1.1	12.8± 1.3
15000 ppm	13.0± 1.2	12.3± 2.4
30000 ppm	11.2± 3.2*	11.7± 1.8**

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

Test of Dunnett

(HAN260)

BAIS3

## APPENDIX D 3

### FOOD CONSUMPTION CHANGES (TOW-YEAR STUDY: SUMMARY)

MOSUE : MALE

STUDY NO. : 0225  
 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	3.8± 0.3	3.7± 0.2	3.8± 0.3	4.1± 0.7	3.7± 0.2
10000 ppm	3.7± 0.8	3.7± 0.2	3.7± 0.2	3.6± 0.3**	3.7± 0.4	4.0± 0.3	3.7± 0.3
20000 ppm	3.7± 0.2	3.7± 0.2	3.7± 0.2	3.6± 0.3	3.7± 0.4	4.0± 0.3	3.3± 0.2**
40000 ppm	3.6± 0.3	3.6± 0.2	3.7± 0.2	3.7± 0.2	3.6± 0.3	3.9± 0.3	3.3± 0.2**

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

Test of Dunnett

STUDY NO. : 0225  
 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	3.9± 0.2	3.8± 0.2	4.0± 0.4	3.9± 0.2	4.0± 0.2	3.9± 0.2	3.8± 0.2
10000 ppm	3.8± 0.3	3.8± 0.2	3.9± 0.2	3.8± 0.2	3.9± 0.2	3.8± 0.2	3.8± 0.3
20000 ppm	3.8± 0.2	3.8± 0.2	3.9± 0.2	3.8± 0.3	3.9± 0.3	3.9± 0.3	3.8± 0.2
40000 ppm	3.7± 0.3	3.8± 0.3	3.8± 0.2**	3.8± 0.2	3.8± 0.2**	3.8± 0.2	3.7± 0.2*

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 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	4.1± 0.3	4.2± 0.2	4.1± 0.3	4.4± 0.3	4.4± 0.4	4.6± 0.3	4.6± 0.4
10000 ppm	4.1± 0.3	4.1± 0.2	4.1± 0.3	4.4± 0.3	4.4± 0.3	4.5± 0.3	4.5± 0.2
20000 ppm	4.1± 0.2	4.2± 0.3	4.1± 0.2	4.4± 0.3	4.4± 0.3	4.5± 0.2	4.5± 0.2
40000 ppm	3.9± 0.3*	4.1± 0.2	4.0± 0.2	4.3± 0.3	4.3± 0.2	4.4± 0.3*	4.3± 0.3**

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 3



STUDY NO. : 0225  
 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	54	58	62	66	70
Control	4.6± 0.3	4.7± 0.3	4.5± 0.3	4.5± 0.2	4.7± 0.4	4.7± 0.3	4.8± 0.3
10000 ppm	4.5± 0.2	4.7± 0.3	4.5± 0.2	4.5± 0.3	4.4± 0.3**	4.5± 0.3*	4.6± 0.3*
20000 ppm	4.5± 0.3	4.7± 0.3	4.5± 0.3	4.5± 0.3	4.5± 0.3**	4.6± 0.3*	4.6± 0.3
40000 ppm	4.5± 0.3	4.6± 0.3**	4.3± 0.4**	4.3± 0.4**	4.4± 0.2**	4.5± 0.2**	4.6± 0.4**

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

(HAN260)

BAIS3

STUDY NO. : 0225  
 ANIMAL : MOUSE BDF1  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 5

Group Name	Administration week						
	74	78	82	86	90	94	98
Control	4.8± 0.3	4.8± 0.4	5.1± 0.4	4.9± 0.6	4.9± 1.1	4.7± 0.8	4.6± 0.8
10000 ppm	4.7± 0.3	4.7± 0.3	4.8± 0.3**	4.9± 0.3	4.9± 0.7	4.7± 0.6	4.8± 0.4
20000 ppm	4.7± 0.4	4.8± 0.4	4.9± 0.6*	4.8± 0.3	4.7± 1.1	4.8± 0.6	4.7± 0.7
40000 ppm	4.7± 0.3	4.8± 0.4	4.8± 0.6*	4.7± 0.6	4.8± 0.5	4.6± 0.4	4.7± 0.6

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 6

Group Name	Administration week	
	102	104
Control	4.6± 1.1	4.6± 0.6
10000 ppm	4.7± 0.4	4.5± 0.4
20000 ppm	4.5± 1.0	4.4± 0.6
40000 ppm	4.4± 1.1	4.5± 0.5

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

Test of Dunnett

(HAN260)

BAIS3

## APPENDIX D 4

FOOD CONSUMPTION CHANGES (TOW-YEAR STUDY: SUMMARY)

MOSUE : FEMALE

STUDY NO. : 0225  
 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	3.2± 0.2	3.2± 0.2	3.4± 0.2	3.4± 0.2	3.4± 0.2	3.7± 0.2	3.5± 0.3
10000 ppm	3.2± 0.2	3.3± 0.2	3.4± 0.2	3.3± 0.2	3.5± 0.2	3.6± 0.2	3.4± 0.3
20000 ppm	3.2± 0.2	3.2± 0.2	3.5± 0.2*	3.5± 0.2	3.4± 0.3	3.7± 0.2	3.5± 0.3
40000 ppm	3.2± 0.2	3.2± 0.2	3.5± 0.2**	3.5± 0.2	3.4± 0.4	3.7± 0.3	3.5± 0.3

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0225  
 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	3.6± 0.2	3.6± 0.2	3.6± 0.2	3.6± 0.2	3.7± 0.3	3.5± 0.3	3.3± 0.3
10000 ppm	3.6± 0.2	3.6± 0.2	3.6± 0.2	3.6± 0.3	3.7± 0.2	3.5± 0.3	3.4± 0.3
20000 ppm	3.6± 0.3	3.7± 0.2	3.6± 0.2	3.6± 0.2	3.7± 0.3	3.6± 0.3	3.4± 0.3
40000 ppm	3.6± 0.3	3.7± 0.2	3.6± 0.3	3.6± 0.2	3.6± 0.3	3.5± 0.3	3.4± 0.2

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

Test of Dunnett

(HAN260)

BAIS3

STUDY NO. : 0225  
 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	3.8± 0.4	3.7± 0.6	3.8± 0.6	4.1± 0.4	4.0± 0.6	4.0± 0.5	4.1± 0.6
10000 ppm	3.8± 0.3	3.9± 0.4*	3.9± 0.4	4.1± 0.6	4.0± 0.6	4.2± 0.4	4.1± 0.5
20000 ppm	3.9± 0.3	3.9± 0.4*	3.8± 0.4	4.0± 0.5	3.9± 0.6	4.1± 0.6	4.1± 0.5
40000 ppm	3.8± 0.3	3.7± 0.4	3.9± 0.4	3.9± 0.6	4.2± 0.5	4.1± 0.5	3.9± 0.6*

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

Test of Dunnett

STUDY NO. : 0225  
 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	54	58	62	66	70
Control	4.0± 0.5	4.2± 0.6	3.9± 0.6	4.1± 0.6	4.4± 0.7	4.1± 0.6	4.3± 0.6
10000 ppm	4.1± 0.5	4.3± 0.5	4.1± 0.4	4.1± 0.4	4.3± 0.6	4.1± 0.5	4.2± 0.5
20000 ppm	4.2± 0.5	4.4± 0.5	4.1± 0.4	4.2± 0.5	4.3± 0.5	4.1± 0.9	4.3± 0.6
40000 ppm	4.2± 0.5	4.4± 0.5	4.1± 0.6	4.2± 0.6	4.3± 0.5	4.1± 0.5	4.2± 0.6

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

Test of Dunnett

(HAN260)

BAIS3



STUDY NO. : 0225  
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 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration week						
	74	78	82	86	90	94	98
Control	4.5± 0.8	4.4± 0.8	4.6± 0.8	4.4± 0.8	4.4± 0.8	4.3± 0.8	4.4± 0.6
10000 ppm	4.3± 0.7	4.2± 0.7	4.5± 0.7	4.5± 1.0	4.3± 0.5	4.1± 0.8	4.2± 0.6
20000 ppm	4.3± 0.6	4.2± 0.6	4.7± 1.1	4.4± 1.0	4.4± 0.8	4.4± 0.9	4.1± 0.8
40000 ppm	4.4± 0.6	4.4± 0.9	4.6± 0.7	4.4± 0.7	4.4± 0.7	4.5± 0.8	4.3± 0.6

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

Test of Dunnett

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BAIS3

STUDY NO. : 0225  
ANIMAL : MOUSE BDF1  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration week	
	102	104
Control	4.6± 0.7	4.3± 0.6
10000 ppm	4.5± 0.7	4.2± 0.4
20000 ppm	4.7± 0.7	4.5± 0.5
40000 ppm	4.3± 0.9	4.7± 0.8

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

Test of Dunnett

(HAN260)

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