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[REDACTED]

ADDENDUM

GROOMING ACTIVITY OF ALBINO MICE
EFFECT OF CHLORDIAZEPOXIDE AND [REDACTED] 1900

INTRODUCTION

Chlordiazepoxide and [REDACTED] 1900 were employed to explore the usefulness of a test based on the grooming behavior of albino mice, according to the method of O. Rohte, (Brit. J. Pharmac., 34:236, 1968) for the detection of sedative agents. Rohte states that the main advantage of this test is that it reduces the difficulties in testing weak sedatives by providing a releaser mechanism to the instinctive grooming movements of white mice. Rohte found that administration of certain test substances was associated with a significant inhibition of grooming movements compared with control group.

METHOD

Apparatus - Observation boxes were clear plastic with dimensions of 5.5 x 10 x 5 in³. The boxes were covered with wire screening and the bottoms were lined with cardboard. Activated carbon, Darco grade S-51 of the Atlas Powder Company, was used to cover the mice. All injections were made with a 25-gauge needle and glass syringes.

Subjects - The subjects were 60 female albino mice (19-31 grams), HR/ICR strain supplied from the [REDACTED]
[REDACTED]

[REDACTED] [REDACTED] [REDACTED]

Procedure - The test mice were covered with pulverized charcoal and the intensity of blackening and its pattern were noted at 1.5 hour intervals up to 6 hours. The observations were graded on a 3-point scale: 1 = white to light grey; 2 = medium grey; 3 = dark grey to black.

A. Chlordiazepoxide. Five subjects per dose level per day received Chlordiazepoxide (Librium HCl) intravenously between 8 a.m. and 10 a.m. or a saline solution (control). Dose levels of Chlordiazepoxide were 125 mg/kg, 63 mg/kg, 32 mg/kg, 3.2 mg/kg, and 0.32 mg/kg. Saline given at a level of 10 ml/kg (largest drug volume of solution injected). All animals at a single dose level were injected on the same day. After injection the animal was placed in a jar containing the powdered carbon and covered by shaking the jar. The subject was then removed by tail with forceps and placed into a shoebox cage lined with sawdust for approximately 3 minutes. Subject was then placed into a plastic observation cage with ad libitum food and water. Observations of the intensity and pattern of blackening were made at one hour intervals according to the method of Rohte (1968) (see Figure 1,2). Observations were made on both dorsal (ventral) surfaces and each body area was noted as either dark, medium, or light (3,2, or 1, respectively).

B. [REDACTED] 1900. Two dose levels, 1 mg/kg and 0.1 mg/kg were tested in five mice each, according to the method used with Librium.



[REDACTED]

RESULTS

The "grooming unit" appears to accurately measure grooming activity during the first few hours of test. At later intervals grooming becomes more difficult to measure because the observer is unable to note additional grooming activity on areas which are already light. Therefore, the decreased rate of grooming toward the sixth hour in all groups except the controls (see Figure 10) may be due to the inability to measure grooming rather than an actual decrease caused by the drug.

For purposes of statistical analysis, each subject was assigned a grooming index at each hourly observation (see Table 1). The grooming index was obtained by summing the grey values (light = 1, medium = 2, dark = 3) for the six body areas a-f. Each dose group was compared with the controls in a Wilcoxon two-sample test (Laurence and Bacharach, p. 80) (see Table 2). The test was not applied to the one-hour data because of the large number of ties.

For Chlordiazepoxide, the grooming indices of the 125 and 63 mg/kg dose groups were found to be significantly decreased as compared to controls throughout the 6-hour period. The 32 mg/kg group showed a significant decrease in grooming at 2nd and 6th hour. The grooming of the 3.2 mg/kg group was found to be significantly decreased as compared to controls from the 3rd to the 6th hour. No difference in grooming was found with the 0.32 mg/kg group.

For  1900, 0.1 mg/kg was a no effect level. Mice which received  1900 at 1.0 mg/kg showed a significant decrease ($P = .05$) at the 1-3 hour intervals and very significant decrease ($P = 0.01$) at the 4-6 hour intervals, when a one tailed test is considered.




Fig. 1

Saline (10 ml/kg) -

Change in the average number of
dark, medium, + light areas over
a six hour period after injection.
n = 25

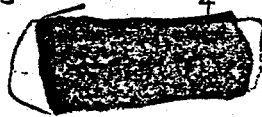
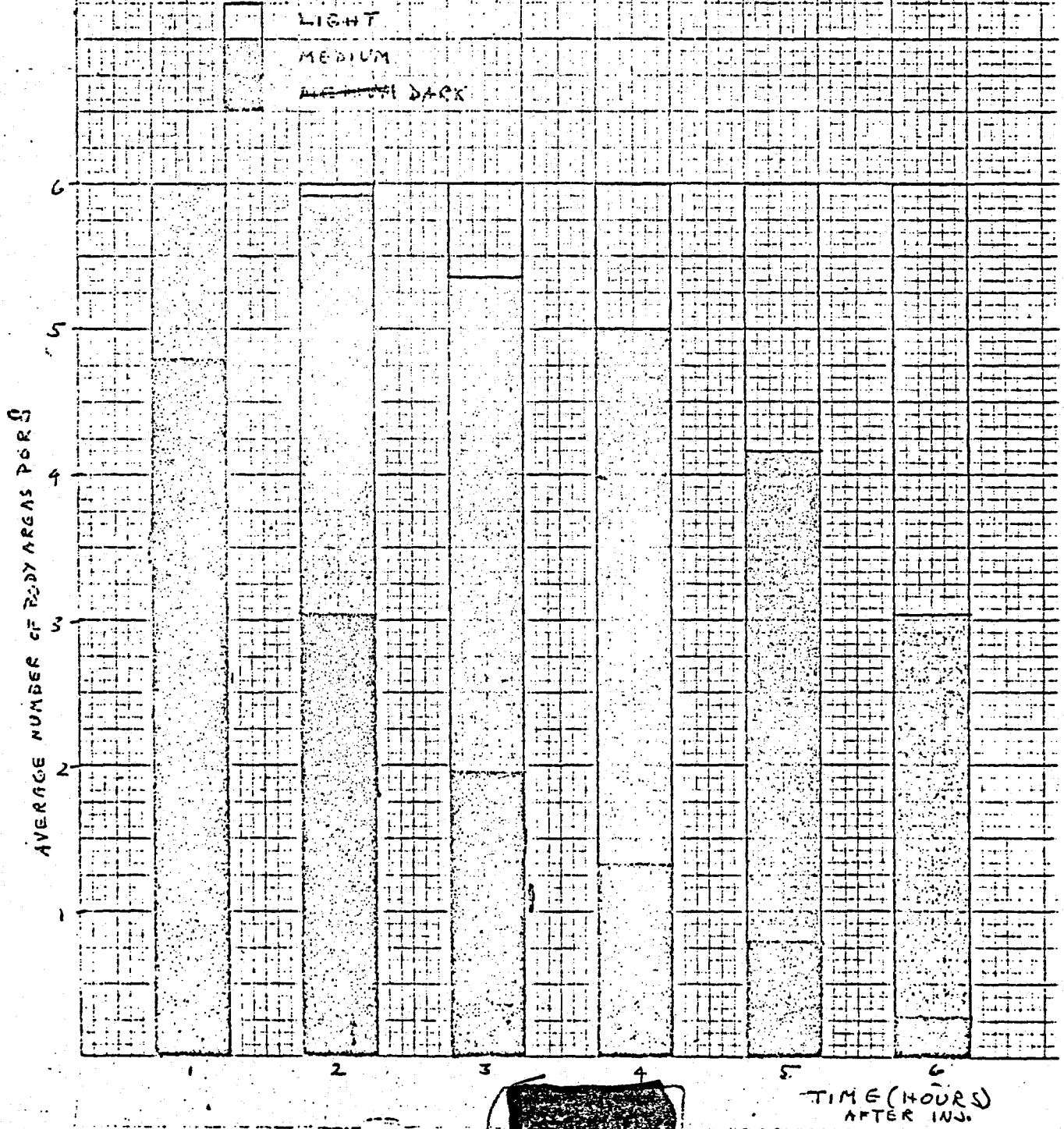


Fig. 2

Librium HCl (0.32 mg/kg i.v.) -
Change in the average number of
dark, medium, + light areas over
a six hour period after injection.
n = 5

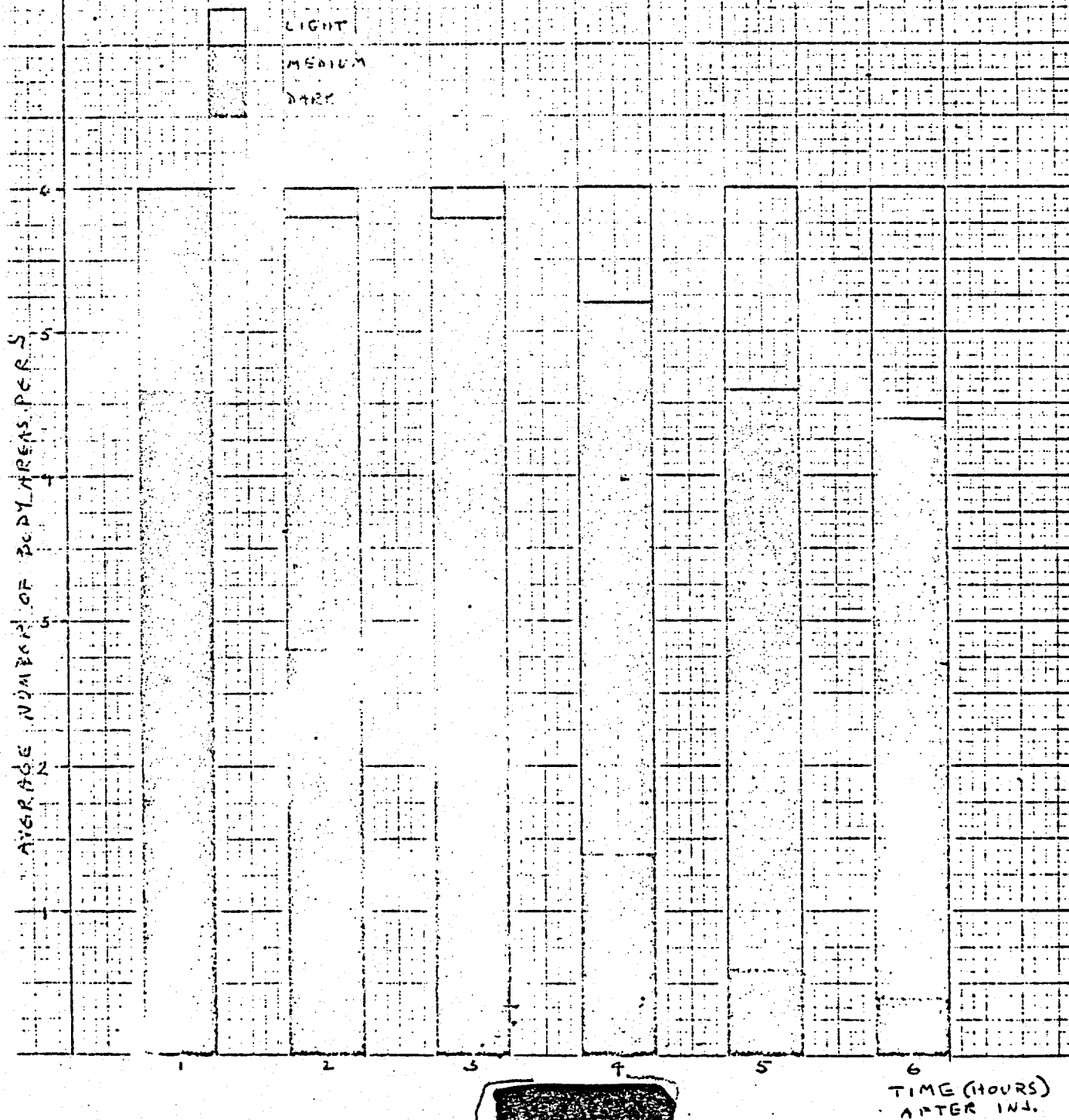


Fig. 3.

Librium HCl (3.2 mg/kg i.v.) -

Change in the average number of
dark, medium, + light areas over a
six hour period after injection.

n=5

LIGHT
MEDIUM
DARK

10 X 12 PER INCH
AVERAGE NUMBER OF BODY AREAS PER S

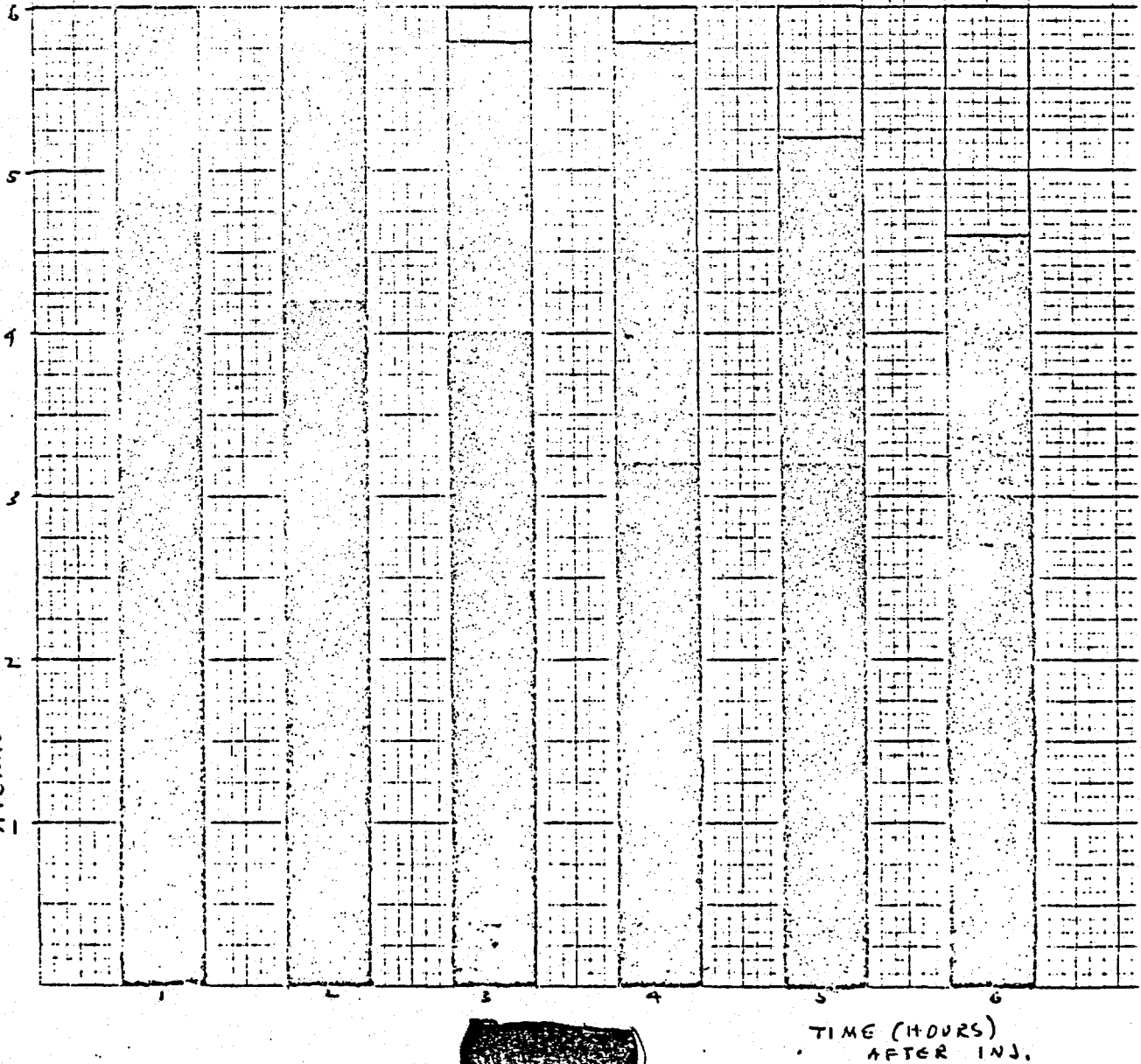


TABLE 1.

DISTRIBUTION OF VALUES OF THE GROOMING INDEX AT
 EACH 1-HOUR OBSERVATION FOR 5 DOSE LEVELS OF
LIBRIUM HCl AND FOR SALINE CONTROLS

Hour	Librium HCl (mg/kg)					Saline (10 ml/kg)				
	125	63	32	3.2	0.32					
1	18	17	17	17	17	17	15	17	17	17
	18	17	17	17	17	17	17	17	15	17
	17	17	17	17	17	17	18	17	16	15
	18	18	17	16	17	17	17	17	17	17
	18	17	17	17	15	18	17	18	17	17
2	18	16	17	17	17	15	12	16	15	17
	18	17	16	17	16	14	17	16	14	17
	17	17	17	16	14	17	12	15	13	16
	18	17	17	16	13	14	16	15	14	14
	18	17	16	15	12	16	12	18	13	16
3	18	16	17	17	17	12	8	13	15	17
	18	17	14	17	15	13	12	15	12	14
	17	17	16	16	13	17	9	15	12	14
	18	16	15	15	13	11	15	14	13	14
	18	17	11	14	12	14	9	17	12	15
4	18	16	17	17	16	11	8	12	12	16
	18	17	13	17	13	13	10	15	12	13
	17	17	14	14	13	16	7	12	11	13
	18	16	13	14	11	9	13	12	13	14
	18	17	11	13	10	12	11	17	12	14
5	18	16	17	17	13	10	8	12	11	14
	18	17	11	17	13	7	10	12	8	13
	17	17	13	14	11	15	7	10	11	13
	18	16	13	13	10	8	9	11	13	14
	18	17	11	11	9	10	7	17	11	14
6	18	16	17	17	13	8	8	10	8	14
	17	17	11	16	11	7	9	11	6	11
	17	17	13	13	11	11	7	8	8	13
	17	16	13	11	10	7	7	10	10	11
	17	17	11	11	9	9	7	15	7	11
n	5	5	5	5	5	25				

TABLE 2.

-VALUES FOR A TWO-TAILED TEST
ON 5 DOSE LEVELS OF LIBRIUM HCl

Hour	Wilcoxon 2-Sample Test*				
	Librium HCl				
	125 mg/kg	63 mg/kg	32 mg/kg	3.2 mg/kg	0.32 mg/kg
2	< 0.01	0.02	0.05	(> 0.05)	(> 0.05)
3	< 0.01	< 0.01	(> 0.05)	0.05	(> 0.05)
4	< 0.01	< 0.01	(> 0.05)	0.02	(> 0.05)
5	< 0.01	< 0.01	(> 0.05)	0.02	(> 0.05)
6	< 0.01	< 0.01	0.01	< 0.01	(> 0.05)

() = Not significant

* Rumke, C. L., and de Jonge, H., Chapt. 3, Design, Statistical Analyses and Interpretation in Vol. I Evaluation of Drug Activities: Pharmacometrics ed. by Lawrence, D. R., and Bacharach, A. L., Academic Press, N. Y. 1964

TABLE 3.

DISTRIBUTION OF VALUES OF GROOMING INDEX AT EACH 1-HOUR
OBSERVATION FOR EACH OF 2 DOSE LEVELS OF [REDACTED] 1900

<u>Hour</u>	<u>Scores for Individual Mice</u>									
	<u>[REDACTED] 1900 - 1 mg/kg</u>					<u>[REDACTED] 1900 - 0.1 mg/kg</u>				
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
1	18	18	18	18	18	17	15	17	18	16
2	17	17	18	17	17	15	11	17	14	10
3	16	17	17	17	16	12	12	17	12	8
4	16	16	17	16	16	12	11	13	11	7
5	16	14	17	15	12	11	10	10	10	6
6	14	14	16	15	12	10	7	10	8	6

TABLE 4.

P VALUES FOR 2-TAILED TEST OF [REDACTED] 1900 0.1 MG/KG
VERSUS [REDACTED] 1900 1.0 MG/KG DOSE LEVELS

<u>Hour</u>	<u>P Values</u>
1	.05
2	.05
3	.10
4	.02
5	.02
6	.02

LD50 36.0 -28.0-45.0-
 MED50 0.56 -0.18-1.8-
 RATIO LD50/MED50 63.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	2/2	DEATH	74	0	
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	30	*
32.0	3.2	2/2	DEC SENSITIVITY TO PAIN	229	30	
32.0	3.2	2/2	INC SENSITIVITY TO SOUND	130	0	***
32.0	3.2	2/2	INC SENSITIVITY TO TOUCH	131	0	*** G
32.0	3.2	2/2	DEC REARING FREQUENCY	632	30	
32.0	3.2	2/2	STRAUB TAIL	233	0	15
32.0	3.2	2/2	MIXED CONVULSIONS	336	0	15
32.0	3.2	2/2	AUDIOGENIC SEIZURE	536	0	30
32.0	3.2	2/2	DEC PREENING	240	8	120
32.0	3.2	2/2	RUBBING NOSE	340	8	30
32.0	3.2	2/2	TREMORS-REST AND MOVEMENT	144	0	30
32.0	3.2	2/2	BLINKING-EXCESSIVE	247	8	30
32.0	3.2	1/2	EYELID PTOSIS-NONPARALYTIC	149	8	*
32.0	3.2	2/2	PUPILLARY LIGHT REFLEX ABS	152	0	240
32.0	3.2	2/2	MYDRIASIS	154	0	** 1440
32.0	3.2	2/2	SALIVATION	57	8	*** 60
32.0	3.2	2/2	INC URINATION	158	30	60
32.0	3.2	1/2	INC RESPIRATORY DEPTH	161	0	8
32.0	3.2	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	60

INTRAVENOUS TOXICITY TO MICE
REACTION SIGN

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
32.0	3.2	1/2	INC RESPIRATORY RATE	162	0	*	8
32.0	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	60
32.0	3.2	2/2	MOT DEF HORIZONTAL WIRE	171	0	***	60
32.0	3.2	2/2	MOT DEF VERTICAL SCREEN	271	0	***	60
32.0	3.2	2/2	MOT DEF HORIZONTAL STRIP	471	0	***	60
32.0	3.2	2/2	MOT DEF VERTICAL ROD	371	0	***	60
32.0	3.2	2/2	MOT DEF ROTA-ROD	771	0	***	60
32.0	3.2	2/2	MOT DEF INCLINED STRIP	671	0	***	60
32.0	3.2	1/2	ABNORMAL VIBRISSAE	172	8		60
32.0	3.2	2/2	LOW CARRIAGE	175	8		60
10.0	10.0	1/2	DEC LOCOMOTOR ACTIVITY	124	30	*	120
10.0	10.0	2/2	DEC SENSITIVITY TO PAIN	229	30		180
10.0	10.0	2/2	INC SENSITIVITY TO TOUCH	131	0	***	G 300
10.0	10.0	1/2	DEC REARING FREQUENCY	632	30		120
10.0	10.0	1/2	MYDRIASIS	154	30	**	120
10.0	10.0	2/2	SALIVATION	57	8	***	60
10.0	10.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0		30
10.0	10.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	30
3.2	3.2	1/2	DEC SENSITIVITY TO PAIN	229	15		180
3.2	3.2	2/2	INC SENSITIVITY TO TOUCH	131	0	*	G 300
1.0	10.0	1/2	ABNORMAL REACTION TO PAIN	429	120		G 240
1.0	10.0	2/2	INC SENSITIVITY TO TOUCH	131	15		G 240
0.32	3.2	2/2	NO EFFECT	73			
50.0	5.0	2/2	DEATH	74	0		
40.0	4.0	2/2	DEATH	74	0		
32.0	3.2	0/2	DEATH	74	0		
25.0	2.5	0/2	DEATH	74	0		
DIL.			H2O QS C H2O				

LD50 100.0 -63.0-160.0-
 MED50 1.8 -0.56-5.6-
 RATIO LD50/MED50 56.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	1.0	1/2	DEATH	74	0	
100.0	1.0	1/2	DEC LOCOMOTOR ACTIVITY	124	0	*** 180
100.0	1.0	1/2	DEC SENSITIVITY TO TOUCH	231	0	* 60
100.0	1.0	1/2	DEC SENSITIVITY TO SOUND	230	0	* 60
100.0	1.0	1/2	DEC PREENING	240	0	120
100.0	1.0	1/2	EXTENSION OF LIMBS	341	0	15
100.0	1.0	1/2	PROSTRATION	43	0	15
100.0	1.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	8	*** 180
100.0	1.0	1/2	PUPILLARY LIGHT REFLEX ABS	152	15	60
100.0	1.0	1/2	MYDRIASIS	154	15	* 60
100.0	1.0	1/2	DEC RESPIRATORY DEPTH	261	0	30
100.0	1.0	1/2	INC RESPIRATORY DEPTH	161	30	120
100.0	1.0	1/2	IRREGULAR RESPIRATORY DEPTH	361	0	30
100.0	1.0	1/2	DEC RESPIRATORY RATE	262	30	120
100.0	1.0	1/2	IRREGULAR RESPIRATORY RATE	362	0	30
100.0	1.0	1/2	MOT DEF HORIZONTAL WIRE	171	0	*** 15
100.0	1.0	1/2	MOT DEF VERTICAL SCREEN	271	0	*** 15
100.0	1.0	1/2	MOT DEF HORIZONTAL STRIP	471	0	*** 15
100.0	1.0	1/2	MOT DEF VERTICAL ROD	371	0	*** 30
100.0	1.0	1/2	MOT DEF ROTA-ROD	771	0	*** 15
100.0	1.0	1/2	MOT DEF INCLINED STRIP	671	0	*** 30

INTRAVENOUS TOXICITY TO MICE							
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
32.0	0.64	2/2	DEC LOCOMOTOR ACTIVITY	124	0	***	120
32.0	0.64	1/2	DEC SENSITIVITY TO PAIN	229	30	*	60
32.0	0.64	1/2	ABNORMAL REACTION TO PAIN	429	30	*	60
32.0	0.64	2/2	DEC SENSITIVITY TO TOUCH	231	0	*	60
32.0	0.64	2/2	SOCIAL INTERACTION ALTERED	132	0		180
32.0	0.64	2/2	DEC REARING FREQUENCY	632	0		120
32.0	0.64	2/2	ATAXIA	35	0	***	15
32.0	0.64	2/2	DEC PREENING	240	0		180
32.0	0.64	1/2	LOW POSTURE	241	0		30
32.0	0.64	2/2	EXTENSION OF LIMBS	341	0		30
32.0	0.64	2/2	EYELID PTOSIS-NONPARALYTIC	149	8	***	120
32.0	0.64	1/2	PUPILLARY LIGHT REFLEX ABS	152	8		60
32.0	0.64	1/2	MYDRIASIS	154	8	**	60
32.0	0.64	2/2	INC RESPIRATORY DEPTH	161	0		120
32.0	0.64	2/2	IRREGULAR RESPIRATORY DEPTH	361	0		30
32.0	0.64	2/2	DEC RESPIRATORY RATE	262	0		120
32.0	0.64	2/2	IRREGULAR RESPIRATORY RATE	362	0		30
32.0	0.64	1/2	MOT DEF HORIZONTAL WIRE	171	0	***	15
32.0	0.64	1/2	MOT DEF VERTICAL SCREEN	271	0	***	15
32.0	0.64	2/2	MOT DEF HORIZONTAL STRIP	471	0	***	30
32.0	0.64	1/2	MOT DEF VERTICAL ROD	371	0	***	15
32.0	0.64	1/2	MOT DEF ROTA-ROD	771	0	***	30
32.0	0.64	1/2	MOT DEF INCLINED STRIP	671	0	***	30
10.0	1.0	2/2	DEC LOCOMOTOR ACTIVITY	124	0	***	120
10.0	1.0	1/2	DEC SENSITIVITY TO PAIN	229	30		180
10.0	1.0	2/2	DEC SENSITIVITY TO TOUCH	231	0	*	60
10.0	1.0	2/2	SOCIAL INTERACTION ALTERED	132	0		180
10.0	1.0	2/2	DEC REARING FREQUENCY	632	0		120
10.0	1.0	2/2	DEC PREENING	240	0		120
10.0	1.0	1/2	LOW POSTURE	241	30		180
10.0	1.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	8	***	120
10.0	1.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0		30
10.0	1.0	2/2	IRREGULAR RESPIRATORY RATE	362	0		30
10.0	1.0	1/2	MOT DEF HORIZONTAL WIRE	171	0	***	8
10.0	1.0	1/2	MOT DEF VERTICAL SCREEN	271	0	***	8
10.0	1.0	1/2	MOT DEF HORIZONTAL STRIP	471	0	***	30
10.0	1.0	1/2	MOT DEF VERTICAL ROD	371	0	***	8
10.0	1.0	1/2	MOT DEF ROTA-ROD	771	0	***	15
10.0	1.0	1/2	MOT DEF INCLINED STRIP	671	0	***	30
3.2	1.6	2/2	DEC LOCOMOTOR ACTIVITY	124	30	*	120
3.2	1.6	2/2	SOCIAL INTERACTION ALTERED	132	30		120
3.2	1.6	2/2	DEC REARING FREQUENCY	632	30		120

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE		MIN. APPR	DEG- REE	MIN. TO RECOVER	
			REACTION	SIGN				
3.2	1.6	2/2	DEC	PREENING	240	30	120	
3.2	1.6	2/2	EYELID	PTOSIS-NONPARALYTIC	149	30	120	
1.0	0.50	2/2	NO	EFFECT	73			
130.0	1.3	2/2	DEATH		74	0		
79.0	0.79	0/2	DEATH		74	0		
63.0	0.63	1/2	DEATH		74	0		
DIL.			100% PEG 300 QS C 100% PEG 300					

LD50 100.0 -79.0-120.0-
 MED50 5.6 -1.8-18.0-
 RATIO LD50/MED50 18.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	1/2	DEATH	74	0	
100.0	10.0	1/2	DEC LOCOMOTOR ACTIVITY	124	15	*** 300
100.0	10.0	1/2	DEC SENSITIVITY TO PAIN	229	30	240
100.0	10.0	1/2	ABNORMAL REACTION TO PAIN	429	240	300
100.0	10.0	1/2	DEC SENSITIVITY TO TOUCH	231	30	*** 240
100.0	10.0	1/2	DEC REARING FREQUENCY	632	0	300
100.0	10.0	1/2	EXTENSION OF LIMBS	341	15	120
100.0	10.0	1/2	PROSTRATION	43	15	120
100.0	10.0	1/2	EXOPHTHALMOS	46	0	8
100.0	10.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	15	*** 300
100.0	10.0	1/2	PUPILLARY LIGHT REFLEX ABS	152	8	180
100.0	10.0	1/2	MYDRIASIS	154	8	** 180
100.0	10.0	1/2	INC RESPIRATORY DEPTH	161	0	30
100.0	10.0	1/2	DEC RESPIRATORY DEPTH	261	30	60
100.0	10.0	1/2	DEC RESPIRATORY RATE	262	0	* 60
100.0	10.0	1/2	MOT DEF HORIZONTAL WIRE	171	8	* 60
100.0	10.0	1/2	MOT DEF VERTICAL SCREEN	271	0	* 60
100.0	10.0	1/2	MOT DEF HORIZONTAL STRIP	471	8	* 120
100.0	10.0	1/2	MOT DEF VERTICAL ROD	371	8	* 120
100.0	10.0	1/2	MOT DEF ROTA-ROD	771	8	* 60
100.0	10.0	1/2	MOT DEF INCLINED STRIP	671	8	* 120

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE		MIN. APPR	DEG- REE	MIN. TO RECOVER
			REACTION	SIGN			
100.0	10.0	1/2	PILOERECTION		72	60	240
100.0	10.0	1/2	LOW CARRIAGE		175	0	240
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY		124	15	* 60
32.0	3.2	2/2	DEC REARING FREQUENCY		632	15	60
32.0	3.2	1/2	RUBBING NOSE		340	8	30
32.0	3.2	2/2	UNUSUAL POSTURE		541	0	15
32.0	3.2	2/2	EYELID PTOSIS-NONPARALYTIC		149	15	*** 120
32.0	3.2	2/2	PUPILLARY LIGHT REFLEX ABS		152	8	180
32.0	3.2	2/2	MYDRIASIS		154	8	** 180
32.0	3.2	2/2	INC RESPIRATORY DEPTH		161	0	30
32.0	3.2	2/2	INC RESPIRATORY RATE		162	0	* 30
32.0	3.2	1/2	MOT DEF ROTA-ROD		771	8	* 30
32.0	3.2	2/2	LOW CARRIAGE		175	0	30
10.0	10.0	2/2	EYELID PTOSIS-NONPARALYTIC		149	30	*** 120
10.0	10.0	2/2	PUPILLARY LIGHT REFLEX ABS		152	8	120
10.0	10.0	2/2	MYDRIASIS		154	8	* 120
10.0	10.0	2/2	IRREGULAR RESPIRATORY DEPTH		361	0	30
10.0	10.0	2/2	IRREGULAR RESPIRATORY RATE		362	0	* 30
3.2	3.2	2/2	NO EFFECT		73		
120.0	12.0	2/2	DEATH		74	0	
80.0	8.0	0/2	DEATH		74	0	
63.0	6.3	0/2	DEATH		74	0	
DIL.			100% STEROL DIL. SUSP QS C H2O				

LD50 110.0 -89.0-140.0-
 MED50 3.2 -1.0-10.0-
 RATIO LD50/MED50 35.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE		MIN. APPR	DEG- REE	MIN. TO RECOVER
			REACTION	SIGN			
100.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	0	***	300
100.0	10.0	2/2	DEC SENSITIVITY TO TOUCH	231	0		60
100.0	10.0	2/2	SOCIAL INTERACTION ALTERED	132	0		60
100.0	10.0	2/2	DEC REARING FREQUENCY	632	0		300
100.0	10.0	1/2	EXTENSION OF LIMBS	341	0		30
100.0	10.0	1/2	RIGHTING REFLEX DEPR	742	0		8
100.0	10.0	2/2	PROSTRATION	43	0		30
100.0	10.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	15	*** G	300
100.0	10.0	2/2	INC RESPIRATORY DEPTH	161	0		180
100.0	10.0	2/2	DEC RESPIRATORY RATE	262	0	*	180
100.0	10.0	2/2	MOT DEF HORIZONTAL WIRE	171	0	***	60
100.0	10.0	2/2	MOT DEF VERTICAL SCREEN	271	0	***	60
100.0	10.0	2/2	MOT DEF HORIZONTAL STRIP	471	0	***	120
100.0	10.0	2/2	MOT DEF VERTICAL ROD	371	0	***	60
100.0	10.0	2/2	MOT DEF ROTA-ROD	771	0	***	60
100.0	10.0	2/2	MOT DEF INCLINED STRIP	671	0	***	120
100.0	10.0	2/2	LOW CARRIAGE	175	30		60
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	8	***	120
32.0	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0		60
32.0	3.2	2/2	DEC REARING FREQUENCY	632	0		60

INTRAVENOUS TOXICITY TO MICE							
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
32.0	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	15	***	60
32.0	3.2	2/2	INC RESPIRATORY DEPTH	161	0		60
32.0	3.2	2/2	DEC RESPIRATORY RATE	262	0	*	60
32.0	3.2	2/2	MOT DEF HORIZONTAL STRIP	471	0	***	30
32.0	3.2	1/2	MOT DEF VERTICAL ROD	371	0	*	30
32.0	3.2	2/2	MOT DEF INCLINED STRIP	671	0	***	30
10.0	10.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	*	240
3.2	3.2	1/2	EYELID PTOSIS-NONPARALYTIC	149	60	*	240
3.2	3.2	1/2	NO EFFECT	73			
1.0	10.0	2/2	NO EFFECT	73			
160.0	16.0	2/2	DEATH	74	0		
120.0	12.0	2/2	DEATH	74	0		
79.0	7.9	0/2	DEATH	74	0		
DIL.			100% STEROL DIL. SUSP QS C H2O				

INTRAVENOUS TOXICITY TO MICE							
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
0.032	3.2	2/2	HEAD TWITCH	531	120	*	240
0.032	3.2	1/2	INC PREENING	140	120	G	300
0.032	3.2	1/2	INC SCRATCHING	440	180	G	300
0.032	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	120	***	G 300
0.032	3.2	2/2	PHOTOPHOBIA	53	120	***	G 300
0.032	3.2	2/2	PILOERECTION	72	120	G	300
0.032	3.2	1/2	SKIN FLICK	79	120		240
0.010	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	15	***	G 120
0.010	10.0	2/2	HEAD TWITCH	531	15	*	G 120
0.010	10.0	2/2	INC PREENING	140	15	G	120
0.010	10.0	1/2	RUBBING NOSE	340	30	G	120
0.010	10.0	1/2	INC SCRATCHING	440	15	G	120
0.010	10.0	1/2	PILOERECTION	72	15	G	120
0.010	10.0	2/2	SKIN FLICK	79	15	G	120
3.2-3	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	30	***	G 120
3.2-3	3.2	2/2	HEAD TWITCH	531	30	*	G 120
3.2-3	3.2	2/2	INC PREENING	140	8	G	120
3.2-3	3.2	2/2	SKIN FLICK	79	15	G	120
1.0-3	10.0	1/2	LICKING COMPARTMENT WALLS	825	30	G	120
1.0-3	10.0	1/2	INC PREENING	140	60	G	120
1.0-3	10.0	1/2	NO EFFECT	73			
3.2-4	3.2	1/2	LICKING COMPARTMENT WALLS	825	30	G	120
3.2-4	3.2	1/2	INC PREENING	140	30	G	120
3.2-4	3.2	1/2	NO EFFECT	73			
39.0	8.0	2/2	DEATH	74	0		
25.0	5.0	0/2	DEATH	74	0		
20.0	4.0	0/2	DEATH	74	0		
DIL.			0.1 N HCL QS C H2O				

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
3.2	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	120	* G 300
3.2	3.2	1/2	LICKING COMPARTMENT WALLS	825	60	120
3.2	3.2	2/2	INC SENSITIVITY TO PAIN	129	60	300
3.2	3.2	2/2	INC SENSITIVITY TO TOUCH	131	8	*** G 300
3.2	3.2	2/2	HEAD TWITCH	531	30	*** 300
3.2	3.2	2/2	SOCIAL INTERACTION ALTERED	132	30	120
3.2	3.2	2/2	DEC REARING FREQUENCY	632	30	180
3.2	3.2	1/2	DEC PREENING	240	30	60
3.2	3.2	1/2	INC PREENING	140	120	G 300
3.2	3.2	1/2	RUBBING NOSE	340	8	30
3.2	3.2	2/2	INC SCRATCHING	440	180	G 300
3.2	3.2	1/2	EYELID PTOSIS-NONPARALYTIC	149	60	* G 300
3.2	3.2	1/2	PHOTOPHOBIA	53	60	* G 300
3.2	3.2	2/2	PILOERECTION	72	60	300
3.2	3.2	2/2	SKIN FLICK	79	120	G 300
1.0	10.0	1/2	DEC LOCOMOTOR ACTIVITY	124	30	*** G 300
1.0	10.0	1/2	LICKING COMPARTMENT WALLS	825	120	180
1.0	10.0	2/2	INC SENSITIVITY TO TOUCH	131	8	*** 300
1.0	10.0	1/2	HEAD TWITCH	531	60	* 240
1.0	10.0	2/2	INC PREENING	140	120	G 300
1.0	10.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	*** G 300
1.0	10.0	2/2	PHOTOPHOBIA	53	60	*** G 300
1.0	10.0	2/2	PILOERECTION	72	60	300
1.0	10.0	2/2	SKIN FLICK	79	60	300
0.32	3.2	1/2	LICKING COMPARTMENT WALLS	825	120	180
0.32	3.2	2/2	INC SENSITIVITY TO TOUCH	131	15	*** 300
0.32	3.2	1/2	INC PREENING	140	120	G 300
0.32	3.2	1/2	INC SCRATCHING	440	180	G 300
0.32	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	*** G 300
0.32	3.2	2/2	PHOTOPHOBIA	53	60	*** G 300
0.32	3.2	2/2	PILOERECTION	72	60	240
0.32	3.2	2/2	SKIN FLICK	79	60	300
0.10	10.0	1/2	LICKING COMPARTMENT WALLS	825	120	180
0.10	10.0	1/2	INC SENSITIVITY TO TOUCH	131	30	*** 180
0.10	10.0	1/2	HEAD TWITCH	531	30	* 240
0.10	10.0	1/2	INC PREENING	140	120	240
0.10	10.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	120	*** G 300
0.10	10.0	2/2	PHOTOPHOBIA	53	120	*** G 300
0.10	10.0	2/2	PILOERECTION	72	60	300
0.10	10.0	2/2	SKIN FLICK	79	60	240

RATIO LD50 28.0 -22.0-36.0-
MED50 3.2-4-1.0-4-1.0-3-
LD50/MED50 8.8+4

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	2/2	DEATH	74	0	
32.0	3.2	2/2	DEATH	74	0	
10.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	8	*** G 300
10.0	10.0	1/2	LICKING COMPARTMENT WALLS	825	180	240
10.0	10.0	2/2	INC SENSITIVITY TO TOUCH	131	30	*** 240
10.0	10.0	1/2	HEAD TWITCH	531	30	* 240
10.0	10.0	2/2	SOCIAL INTERACTION ALTERED	132	0	120
10.0	10.0	2/2	DEC REARING FREQUENCY	632	0	G 300
10.0	10.0	2/2	DEC PREENING	240	0	180
10.0	10.0	1/2	INC PREENING	140	180	G 300
10.0	10.0	1/2	RUBBING NOSE	340	8	60
10.0	10.0	2/2	EXOPHTHALMOS	46	0	15
10.0	10.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	*** G 300
10.0	10.0	2/2	PHOTOPHOBIA	53	60	*** G 300
10.0	10.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	15
10.0	10.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	* 15
10.0	10.0	1/2	MOT DEF HORIZONTAL STRIP	471	8	* 60
10.0	10.0	2/2	PILOERECTION	72	30	300
10.0	10.0	2/2	SKIN FLICK	79	30	G 300

LD50 36.0 -28.0-45.0-
 MED50 0.56 -0.18-1.8-
 RATIO LD50/MED50 63.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
00.0	10.0	2/2	DEATH	74	0	
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	8	*** G 300
32.0	3.2	2/2	DEC SENSITIVITY TO TOUCH	231	0	* 30
32.0	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0	60
32.0	3.2	2/2	DEC REARING FREQUENCY	632	0	G 300
32.0	3.2	1/2	EXTENSION OF LIMBS	341	0	30
32.0	3.2	1/2	TREMORS-REST AND MOVEMENT	144	0	* 15
32.0	3.2	1/2	TREMORS-MOVEMENT ONLY	244	0	* 30
32.0	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	8	*** G 300
32.0	3.2	2/2	INC URINATION	158	8	30
32.0	3.2	2/2	INC RESPIRATORY DEPTH	161	0	60
32.0	3.2	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	60
32.0	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	0	* 60
32.0	3.2	2/2	MOT DEF HORIZONTAL WIRE	171	0	*** 60
32.0	3.2	2/2	MOT DEF VERTICAL SCREEN	271	0	*** 60
32.0	3.2	2/2	MOT DEF HORIZONTAL STRIP	471	0	*** 120
32.0	3.2	2/2	MOT DEF VERTICAL ROD	371	0	*** 180
32.0	3.2	2/2	MOT DEF ROTA-ROD	771	0	*** 120
32.0	3.2	2/2	MOT DEF INCLINED STRIP	671	0	*** 120
32.0	3.2	2/2	LOW CARRIAGE	175	0	30

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
10.0	10.0	1/2	EYELID PTOSIS--NONPARALYTIC	149	60	*	240
10.0	10.0	1/2	DEC LOCOMOTOR ACTIVITY	124	60	*	240
10.0	10.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	30
3.2	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	15
1.0	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	60	*	120
0.32	3.2	2/2	NO EFFECT	73			
50.0	5.0	2/2	DEATH	74	0		
40.0	4.0	2/2	DEATH	74	0		
25.0	2.5	0/2	DEATH	74	0		
DIL.			100% STEROL DIL. SUSP QS C H2O				

LD50 45.0 -36.0-56.0-
 MED50 5.6 -1.8-18.0-
 RATIO LD50/MED50 8.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
00.0	10.0	2/2	DEATH	74	0	
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	0	*** 240
32.0	3.2	1/2	HEAD TWITCH	531	60	* 120
32.0	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0	30
32.0	3.2	2/2	DEC REARING FREQUENCY	632	0	240
32.0	3.2	2/2	LOW POSTURE	241	0	60
32.0	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	15	*** 240
32.0	3.2	2/2	DYSPNEA	60	0	* 8
32.0	3.2	2/2	INC RESPIRATORY DEPTH	161	0	120
32.0	3.2	2/2	DEC RESPIRATORY RATE	262	0	* 120
32.0	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	0	*** 60
32.0	3.2	2/2	LOW CARRIAGE	175	0	30
10.0	10.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	15	* 180
3.2	3.2	2/2	NO EFFECT	73		
63.0	6.3	2/2	DEATH	74	0	
50.0	5.0	2/2	DEATH	74	0	

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
40.0	4.0	0/2	DEATH	74	0	
25.0	2.5	0/2	DEATH	74	0	

DIL. 100% STEROL DIL. SUSP QS C H2O

LD50 20.0 -16.0-25.0-
 MED50 0.18 -0.056-0.56-
 RATIO LD50/MED50 110.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	2/2	DEATH	74	0	
32.0	3.2	2/2	DEATH	74	0	
10.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	8	*** 120
10.0	10.0	2/2	SOCIAL INTERACTION ALTERED	132	0	240
10.0	10.0	2/2	DEC REARING FREQUENCY	632	0	120
10.0	10.0	1/2	STRAUB TAIL	233	0	8
10.0	10.0	1/2	MIXED CONVULSIONS	336	0	8
10.0	10.0	1/2	OPISTHOTONOS	38	0	8
10.0	10.0	2/2	INC PREENING	140	0	120
10.0	10.0	2/2	LOW POSTURE	241	0	120
10.0	10.0	1/2	TREMORS-REST AND MOVEMENT	144	0	8
10.0	10.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	0	*** 240
10.0	10.0	2/2	PUPILLARY LIGHT REFLEX ABS	152	8	30
10.0	10.0	2/2	MYDRIASIS	154	8	** 30
10.0	10.0	1/2	DEC RESPIRATORY DEPTH	261	30	120
10.0	10.0	1/2	INC RESPIRATORY DEPTH	161	30	120
10.0	10.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	120
10.0	10.0	2/2	DEC RESPIRATORY RATE	262	30	* 120
10.0	10.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	* 120

			INTRAVENOUS TOXICITY TO MICE				
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
10.0	10.0	1/2	MOT DEF VERTICAL SCREEN	271	15	*	120
10.0	10.0	2/2	MOT DEF HORIZONTAL STRIP	471	15	***	120
10.0	10.0	2/2	MOT DEF VERTICAL ROD	371	15	*	120
10.0	10.0	2/2	MOT DEF ROTA-ROD	771	15	*	120
10.0	10.0	2/2	MOT DEF INCLINED STRIP	671	15	*	120
3.2	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	8	***	120
3.2	3.2	1/2	INC SENSITIVITY TO SOUND	130	60	*	G 300
3.2	3.2	2/2	INC SENSITIVITY TO TOUCH	131	60	*	G 300
3.2	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0		180
3.2	3.2	2/2	DEC REARING FREQUENCY	632	0		60
3.2	3.2	2/2	DEC REARING HEIGHT	732	0		60
3.2	3.2	2/2	DEC PREENING	240	0		120
3.2	3.2	2/2	LOW POSTURE	241	0		30
3.2	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	8	***	120
3.2	3.2	2/2	PUPILLARY LIGHT REFLEX ABS	152	8		30
3.2	3.2	2/2	MYDRIASIS	154	8	*	30
3.2	3.2	2/2	IRREGULAR RESPIRATORY DEPTH	361	0		120
3.2	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	120
1.0	10.0	2/2	INC SENSITIVITY TO TOUCH	131	60	*	G 300
1.0	10.0	2/2	INC PREENING	140	60		G 300
1.0	10.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	60	*	G 300
0.32	3.2	2/2	INC SENSITIVITY TO SOUND	130	30	*	60
0.32	3.2	2/2	INC PREENING	140	60		300
0.10	10.0	2/2	NO EFFECT	73			
25.0	5.0	2/2	DEATH	74	0		
20.0	4.0	1/2	DEATH	74	0		
16.0	3.2	0/2	DEATH	74	0		
2.0	12.0	0/2	DEATH	74	0		
DIL.			H2O QS C H2O				

LD50 100.0 -79.0-120.0-
 MED50 1.8 -0.56-5.6-
 RATIO LD50/MED50 56.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	1/2	DEATH	74	0	
100.0	10.0	1/2	DEC LOCOMOTOR ACTIVITY	124	0	*** G 300
100.0	10.0	1/2	DEC SENSITIVITY TO PAIN	229	8	120
100.0	10.0	1/2	DEC SENSITIVITY TO SOUND	230	8	* 180
100.0	10.0	1/2	DEC SENSITIVITY TO TOUCH	231	8	*** 180
100.0	10.0	1/2	DEC REARING FREQUENCY	632	0	G 300
100.0	10.0	1/2	LIMP TAIL	333	0	120
100.0	10.0	1/2	DEC MUSCLE TONE-TRUNK	237	8	120
100.0	10.0	1/2	DEC MUSCLE TONE-LIMBS	437	8	120
100.0	10.0	1/2	DEC PREENING	240	0	G 300
100.0	10.0	1/2	EXTENSION OF LIMBS	341	0	60
100.0	10.0	1/2	PLACING REFLEX ABS	442	0	60
100.0	10.0	1/2	GRASPING REFLEX ABS	642	8	60
100.0	10.0	1/2	LABYRINTHINE REFLEX ABS	042	0	60
100.0	10.0	1/2	PROSTRATION	43	0	60
100.0	10.0	1/2	EXOPHTHALMOS	46	0	30
100.0	10.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	8	*** G 300
100.0	10.0	1/2	INC RESPIRATORY DEPTH	161	0	8
100.0	10.0	1/2	DEC RESPIRATORY DEPTH	261	8	240
100.0	10.0	1/2	IRREGULAR RESPIRATORY RATE	362	0	*** 240
100.0	10.0	1/2	MOT DEF HORIZONTAL WIRE	171	0	*** 300

INTRAVENOUS TOXICITY TO MICE							
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
100.0	10.0	1/2	MOT DEF VERTICAL SCREEN	271	0	***	300
100.0	10.0	1/2	MOT DEF HORIZONTAL STRIP	471	0	***	G 300
100.0	10.0	1/2	MOT DEF VERTICAL ROD	371	0	***	300
100.0	10.0	1/2	MOT DEF ROTA-ROD	771	0	***	300
100.0	10.0	1/2	MOT DEF INCLINED STRIP	671	0	***	G 300
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	0	***	G 300
32.0	3.2	2/2	DEC REARING FREQUENCY	632	60		G 300
32.0	3.2	2/2	DEC PREENING	240	60		G 300
32.0	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	***	G 300
32.0	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	120
10.0	10.0	2/2	INC SENSITIVITY TO TOUCH	131	60	*	180
10.0	10.0	2/2	INC PREENING	140	60		120
3.2	3.2	2/2	INC SENSITIVITY TO TOUCH	131	60	*	120
3.2	3.2	1/2	INC PREENING	140	60		120
1.0	10.0	2/2	NO EFFECT	73			
120.0	12.0	2/2	DEATH	74	0		
79.0	7.9	0/2	DEATH	74	0		
63.0	6.3	0/2	DEATH	74	0		
DIL.			100% STEROL DIL. SUSP QS C H2O				

LD50 45.0 -36.0-56.0-
 MED50 5.6 -1.8-18.0-
 RATIO LD50/MED50 8.0

ATE SOLID

OSE G/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG-REE	MIN. TO RECOVER
0.0	10.0	2/2	DEATH	74	0	
2.0	3.2	1/2	DEATH	74	180	
2.0	3.2	1/2	DEC LOCOMOTOR ACTIVITY	124	0	*** G 300
2.0	3.2	1/2	DEC SENSITIVITY TO TOUCH	231	15	*** G 300
2.0	3.2	1/2	DEC REARING FREQUENCY	632	0	G 300
2.0	3.2	1/2	PUPILLARY LIGHT REFLEX DEPR	252	0	240
2.0	3.2	1/2	MYDRIASIS	154	0	* 240
2.0	3.2	1/2	INC RESPIRATORY DEPTH	161	0	G 300
2.0	3.2	1/2	DEC RESPIRATORY RATE	262	0	* G 300
2.0	3.2	1/2	IRREGULAR RESPIRATORY RATE	362	0	* G 300
0.0	10.0	2/2	PUPILLARY LIGHT REFLEX DEPR	252	0	180
0.0	10.0	2/2	MYDRIASIS	154	0	** 180
3.2	3.2	2/2	NO EFFECT	73		
3.0	6.3	2/2	DEATH	74	30	
10.0	5.0	2/2	DEATH	74	30	

INTRAVENOUS TOXICITY TO MICE
REACTION SIGN

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
40.0	4.0	0/2	DEATH	74	0	

DIL. 100% STEROL DIL. SUSP QS C H2O

LD50 100.0 -79.0-120.0-
 MED50 0.56 -0.18-1.8-
 RATIO LD50/MED50 180.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	1/2	DEATH	74	0	
100.0	10.0	1/2	DEC LOCOMOTOR ACTIVITY	124	0	*** 120
100.0	10.0	1/2	DEC SENSITIVITY TO SOUND	230	0	60
100.0	10.0	1/2	DEC SENSITIVITY TO TOUCH	231	0	60
100.0	10.0	1/2	SOCIAL INTERACTION ALTERED	132	0	120
100.0	10.0	1/2	DEC REARING FREQUENCY	632	0	120
100.0	10.0	1/2	DEC PREENING	240	0	60
100.0	10.0	1/2	LOW POSTURE	241	8	60
100.0	10.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	8	*** 180
100.0	10.0	1/2	INC RESPIRATORY DEPTH	161	0	60
100.0	10.0	1/2	DEC RESPIRATORY RATE	262	0	* 60
100.0	10.0	1/2	MOT DEF HORIZONTAL STRIP	471	0	*** 60
100.0	10.0	1/2	MOT DEF VERTICAL ROD	371	0	*** 30
100.0	10.0	1/2	MOT DEF ROTA-ROD	771	0	* 30
100.0	10.0	1/2	MOT DEF INCLINED STRIP	671	0	*** 60
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	0	*** 30
32.0	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0	60
32.0	3.2	2/2	DEC REARING FREQUENCY	632	0	60
32.0	3.2	2/2	DEC PREENING	240	0	60
32.0	3.2	2/2	LOW POSTURE	241	8	30

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
32.0	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	8	180
32.0	3.2	2/2	INC RESPIRATORY DEPTH	161	0	60
32.0	3.2	2/2	DEC RESPIRATORY RATE	262	0	60
32.0	3.2	1/2	MOT DEF HORIZONTAL STRIP	471	0	60
32.0	3.2	1/2	MOT DEF VERTICAL ROD	371	0	30
32.0	3.2	1/2	MOT DEF ROTA-ROD	771	0	30
32.0	3.2	1/2	MOT DEF INCLINED STRIP	671	0	60
10.0	10.0	1/2	DEC LOCOMOTOR ACTIVITY	124	8	30
10.0	10.0	2/2	SOCIAL INTERACTION ALTERED	132	0	30
10.0	10.0	1/2	DEC REARING FREQUENCY	632	0	120
10.0	10.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	15	180
10.0	10.0	1/2	INC RESPIRATORY DEPTH	161	0	30
10.0	10.0	1/2	DEC RESPIRATORY RATE	262	0	30
3.2	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	180
1.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	30	60
0.32	3.2	2/2	NO EFFECT	73		
120.0	12.0	2/2	DEATH	74	0	
79.0	7.9	0/2	DEATH	74	0	
63.0	6.3	0/2	DEATH	74	0	
DIL.			3% ASCORBIC ACID QS C H2O			

LD50 63.0 -50.0-79.0-
 MED50 0.18 -0.056-0.56-
 RATIO LD50/MED50 350.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	2/2	DEATH	74	0	
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	0	*** 180
32.0	3.2	2/2	DEC SENSITIVITY TO SOUND	230	0	* 180
32.0	3.2	2/2	DEC SENSITIVITY TO TOUCH	231	0	* 180
32.0	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0	240
32.0	3.2	2/2	DEC REARING FREQUENCY	632	0	180
32.0	3.2	2/2	DEC MUSCLE TONE-TRUNK	237	0	180
32.0	3.2	2/2	DEC MUSCLE TONE-LIMBS	437	0	180
32.0	3.2	2/2	DEC PREENING	240	0	180
32.0	3.2	2/2	RIGHTING REFLEX ABS	842	0	60
32.0	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	8	*** 180
32.0	3.2	2/2	MIOSIS	254	8	* 120
32.0	3.2	1/2	MYDRIASIS	154	120	* 180
32.0	3.2	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	60
32.0	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	0	60
32.0	3.2	2/2	DYSPNEA	60	0	*** 15
32.0	3.2	2/2	MOT DEF HORIZONTAL WIRE	171	0	*** 60
32.0	3.2	2/2	MOT DEF VERTICAL SCREEN	271	0	*** 60
32.0	3.2	2/2	MOT DEF HORIZONTAL STRIP	471	0	*** 130
32.0	3.2	2/2	MOT DEF VERTICAL ROD	371	0	*** 180

INTRAVENOUS TOXICITY TO MICE							
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
32.0	3.2	2/2	MOT DEF ROTA-ROD	771	0	***	120
32.0	3.2	2/2	MOT DEF INCLINED STRIP	671	0	***	180
10.0	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	60	*	180
10.0	10.0	2/2	SOCIAL INTERACTION ALTERED	132	0		180
10.0	10.0	2/2	ATAXIA	35	0	***	8
10.0	10.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0		15
10.0	10.0	2/2	IRREGULAR RESPIRATORY RATE	362	0		15
10.0	10.0	2/2	RESTLESSNESS	79	60		180
3.2	3.2	2/2	INC LOCOMOTOR ACTIVITY	224	60	*	120
3.2	3.2	1/2	INC PREENING	140	60		120
3.2	3.2	2/2	RESTLESSNESS	79	60		120
1.0	10.0	2/2	INC PREENING	140	8		60
0.32	3.2	2/2	INC PREENING	140	8		60
0.10	10.0	2/2	NO EFFECT	73			
79.0	7.9	2/2	DEATH	74	0		
63.0	6.3	1/2	DEATH	74	0		
50.0	5.0	0/2	DEATH	74	0		
DIL.			100% STEROL DIL. SUSP QS C H2O				

LD50 200.0 -160.0-250.0-
 MED50 18.0 -5.6-56.0-
 RATIO LD50/MED50 11.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
100.0	1.0	2/2	DEC LOCOMOTOR ACTIVITY	124	30	***	60
100.0	1.0	2/2	DEC REARING FREQUENCY	632	30		60
100.0	1.0	2/2	DEC PREENING	240	30		60
100.0	1.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0		15
100.0	1.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	15
32.0	0.64	1/2	DEC LOCOMOTOR ACTIVITY	124	30	*	60
32.0	0.64	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	15
10.0	1.0	2/2	NO EFFECT	73			
250.0	2.5	2/2	DEATH	74	0		
200.0	2.0	1/2	DEATH	74	0		
160.0	1.6	0/2	DEATH	74	0		
130.0	1.3	0/2	DEATH	74	0		
DIL.			100% PEG 300 QS C 100% PEG 300				

LD50 25.0 -20.0-32.0-
 MED50 1.8 -0.56-5.6-
 RATIO LD50/MED50 14.0

STATE SEMISOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	2.0	2/2	DEATH	74	0	
32.0	0.64	2/2	DEATH	74	0	
10.0	1.0	1/2	INC SENSITIVITY TO TOUCH	131	1440	* 1440
10.0	1.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	15
10.0	1.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	15
3.2	1.6	2/2	INC SENSITIVITY TO TOUCH	131	8	* 30
1.0	0.50	2/2	NO EFFECT	73		
25.0	2.5	1/2	DEATH	74	0	
20.0	2.0	0/2	DEATH	74	0	
16.0	1.6	0/2	DEATH	74	0	
DIL.			100% PEG 300 QS C 100% PEG 300			

LD50 25.0 -11.0-56.0-
 MED50 0.56 -0.18-1.8-
 RATIO LD50/MED50 45.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	2/2	DEATH	74	0	
32.0	3.2	1/2	DEATH	74	0	
32.0	3.2	1/2	DEC LOCOMOTOR ACTIVITY	124	30	*** G 300
32.0	3.2	1/2	DEC SENSITIVITY TO PAIN	229	30	60
32.0	3.2	1/2	INC SENSITIVITY TO TOUCH	131	0	* 30
32.0	3.2	1/2	INC REARING FREQUENCY	432	0	8
32.0	3.2	1/2	DEC REARING FREQUENCY	632	30	* G 300
32.0	3.2	1/2	STRAUB TAIL	233	0	30
32.0	3.2	1/2	MIXED CONVULSIONS	336	0	8
32.0	3.2	1/2	ABNORMAL VIBRISSAE	172	8	60
32.0	3.2	1/2	OPISTHOTONOS	38	0	8
32.0	3.2	1/2	RUBBING NOSE	340	0	60
32.0	3.2	1/2	LOW POSTURE	241	15	30
32.0	3.2	1/2	EXTENSION OF LIMBS	341	30	60
32.0	3.2	1/2	TREMORS-REST AND MOVEMENT	144	0	* 60
32.0	3.2	1/2	EXOPHTHALMOS	46	0	15
32.0	3.2	1/2	PUPILLARY LIGHT REFLEX ABS	152	0	60
32.0	3.2	1/2	MYDRIASIS	154	0	*** 60
32.0	3.2	1/2	SALIVATION	57	8	*** 30
32.0	3.2	1/2	INC URINATION	158	0	60
32.0	3.2	1/2	DYSPNEA	60	0	* 8

INTRAVENOUS TOXICITY TO MICE						
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
32.0	3.2	1/2	INC RESPIRATORY DEPTH	161	0	30
32.0	3.2	1/2	DEC RESPIRATORY DEPTH	261	30	120
32.0	3.2	1/2	IRREGULAR RESPIRATORY DEPTH	361	0	120
32.0	3.2	1/2	INC RESPIRATORY RATE	162	0	* 30
32.0	3.2	1/2	DEC RESPIRATORY RATE	262	30	* 120
32.0	3.2	1/2	IRREGULAR RESPIRATORY RATE	362	0	* 120
32.0	3.2	1/2	MOT DEF HORIZONTAL WIRE	171	0	*** 8
32.0	3.2	1/2	MOT DEF VERTICAL SCREEN	271	0	*** 8
32.0	3.2	1/2	MOT DEF HORIZONTAL STRIP	471	0	*** 30
32.0	3.2	1/2	MOT DEF VERTICAL ROD	371	0	*** 30
32.0	3.2	1/2	MOT DEF ROTA-ROD	771	0	*** 8
32.0	3.2	1/2	MOT DEF INCLINED STRIP	671	0	*** 30
32.0	3.2	1/2	LABYRINTHINE REFLEX DEPR	942	0	60
10.0	10.0	1/2	JUMPING	324	15	* 30
10.0	10.0	1/2	ABNORMAL REACTION TO PAIN	429	15	30
10.0	10.0	2/2	INC SENSITIVITY TO TOUCH	131	0	* 60
10.0	10.0	2/2	SOCIAL INTERACTION ALTERED	132	0	60
10.0	10.0	2/2	RUBBING NOSE	340	8	30
10.0	10.0	2/2	LABYRINTHINE REFLEX DEPR	942	0	60
10.0	10.0	2/2	PUPILLARY LIGHT REFLEX ABS	152	0	60
10.0	10.0	2/2	MYDRIASIS	154	0	** 60
10.0	10.0	2/2	SALIVATION	57	15	*** 30
10.0	10.0	2/2	INC URINATION	158	8	60
10.0	10.0	2/2	MOT DEF VERTICAL ROD	371	0	* 30
10.0	10.0	2/2	ABNORMAL VIBRISSAE	172	15	60
3.2	3.2	2/2	INC SENSITIVITY TO TOUCH	131	15	*** G 300
3.2	3.2	2/2	INC PREENING	140	60	180
3.2	3.2	1/2	RUBBING NOSE	340	8	30
3.2	3.2	2/2	INC URINATION	158	15	60
1.0	10.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	30
1.0	10.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	* 30
0.32	3.2	2/2	NO EFFECT	73		
40.0	4.0	2/2	DEATH	74	0	
25.0	2.5	1/2	DEATH	74	120	
20.0	2.0	1/2	DEATH	74	120	
DIL.			H2O QS C H2O			

LD50 110.0 -89.0-140.0-
 MED50 0.56 -0.18-1.8-
 RATIO LD50/MED50 200.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
20.0	2.0	2/2	DEC LOCOMOTOR ACTIVITY	124	15	*	180
20.0	2.0	2/2	SOCIAL INTERACTION ALTERED	132	15		300
20.0	2.0	2/2	DEC REARING FREQUENCY	632	15		180
20.0	2.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	15	*	180
20.0	2.0	2/2	INC RESPIRATORY DEPTH	161	0		180
20.0	2.0	1/2	DEC RESPIRATORY RATE	262	60	*	120
20.0	2.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	180
10.0	1.0	1/2	INC LOCOMOTOR ACTIVITY	224	15	*	60
10.0	1.0	1/2	DEC LOCOMOTOR ACTIVITY	124	60	*	180
10.0	1.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	*	180
10.0	1.0	2/2	INC RESPIRATORY DEPTH	161	0		180
10.0	1.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	180
3.2	1.6	1/2	INC LOCOMOTOR ACTIVITY	224	0	*	30
3.2	1.6	2/2	DEC LOCOMOTOR ACTIVITY	124	60	*	180
3.2	1.6	2/2	INC RESPIRATORY DEPTH	161	8		60
3.2	1.6	2/2	IRREGULAR RESPIRATORY RATE	362	15	*	60
1.0	0.50	2/2	INC LOCOMOTOR ACTIVITY	224	8	*	60
1.0	0.50	2/2	DEC LOCOMOTOR ACTIVITY	124	30	*	120

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE		MIN. APPR	DEG- REE	MIN. TO RECOVER	
			REACTION	SIGN				
1.0	0.50	1/2	IRREGULAR	RESPIRATORY RATE	362	15	*	30
0.32	1.6	2/2	NO	EFFECT	73			
160.0	2.6	2/2	DEATH		74	0		
120.0	2.1	2/2	DEATH		74	0		
100.0	1.7	0/2	DEATH		74	0		
79.0	1.3	0/2	DEATH		74	0		
DIL.			100% PEG 300	QS C 100% PEG 300				

LD50 120.0 -100.0-160.0-
 MED50 1.8 -0.56-5.6-
 RATIO LD50/MED50 69.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	2.0	2/2	DEC LOCOMOTOR ACTIVITY	124	8	*** G 300
100.0	2.0	2/2	DEC SENSITIVITY TO TOUCH	231	8	* 60
100.0	2.0	2/2	DEC PREENING	240	0	G 300
100.0	2.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	8	*** G 300
100.0	2.0	2/2	DYSPNEA	60	0	* 8
100.0	2.0	1/2	IRREGULAR RESPIRATORY DEPTH	361	0	15
100.0	2.0	2/2	MOT DEF HORIZONTAL WIRE	171	0	* 15
100.0	2.0	2/2	MOT DEF VERTICAL SCREEN	271	0	* 15
100.0	2.0	2/2	MOT DEF HORIZONTAL STRIP	471	0	*** 30
100.0	2.0	1/2	MOT DEF VERTICAL ROD	371	0	* 15
100.0	2.0	2/2	MOT DEF ROTA-ROD	771	0	* 15
100.0	2.0	2/2	MOT DEF INCLINED STRIP	671	0	*** 30
20.0	2.0	2/2	DEC LOCOMOTOR ACTIVITY	124	60	* 240
20.0	2.0	1/2	NO EFFECT	73		
10.0	1.0	2/2	DEC LOCOMOTOR ACTIVITY	124	30	* 300
3.2	1.6	2/2	DEC LOCOMOTOR ACTIVITY	124	60	* 240
1.0	0.50	2/2	NO EFFECT	73		

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
160.0	3.2	2/2	DEATH	74	0	
20.0	2.5	1/2	DEATH	74	0	
79.0	1.6	0/2	DEATH	74	0	
DIL.			100% PEG 300 QS C 100% PEG 300			

LD50 36.0 -26.0-49.0-
 MED50 3.2-3-1.0-3-0.010-
 RATIO LD50/MED50 1.1+4

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE		MIN. APPR	DEG- REE	MIN. TO RECOVER
			REACTION	SIGN			
100.0	10.0	2/2	DEATH		74	0	
32.0	3.2	1/2	DEATH		74	0	
32.0	3.2	1/2	DEC LOCOMOTOR ACTIVITY		124	8	***
32.0	3.2	1/2	INC LOCOMOTOR ACTIVITY		224	120	* G 300
32.0	3.2	1/2	CIRCLING MOVEMENTS		025	0	8
32.0	3.2	1/2	DEC REARING FREQUENCY		632	0	120
32.0	3.2	1/2	ATAXIA		35	0	* 8
32.0	3.2	1/2	DEC PREENING		240	0	30
32.0	3.2	1/2	INC PREENING		140	60	240
32.0	3.2	1/2	IRREGULAR RESPIRATORY DEPTH	361	0		120
32.0	3.2	1/2	DEC REARING FREQUENCY	632	0	***	120
32.0	3.2	1/2	MOT DEF HORIZONTAL WIRE	171	0	***	15
32.0	3.2	1/2	MOT DEF VERTICAL SCREEN	271	0	***	15
32.0	3.2	1/2	MOT DEF HORIZONTAL STRIP	471	0	***	30
32.0	3.2	1/2	MOT DEF VERTICAL ROD	371	0	***	15
32.0	3.2	1/2	MOT DEF ROTA-ROD	771	0	***	30
32.0	3.2	1/2	MOT DEF INCLINED STRIP	671	0	***	30
32.0	3.2	1/2	PILOERECTION	72	15		G 300
32.0	3.2	1/2	RESTLESSNESS	79	60		300

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER	
10.0	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	60	*	180
10.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	180	***	240
10.0	10.0	2/2	HEAD TWITCH	531	60	*	300
10.0	10.0	2/2	INC REARING FREQUENCY	432	15		60
10.0	10.0	2/2	INC PREENING	140	15		240
10.0	10.0	2/2	INC SCRATCHING	440	30		180
10.0	10.0	1/2	INC RESPIRATORY DEPTH	161	0		30
10.0	10.0	1/2	IRREGULAR RESPIRATORY DEPTH	361	0		15
10.0	10.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	***	30
10.0	10.0	2/2	PILOERECTION	72	120		240
10.0	10.0	2/2	RESTLESSNESS	79	60		300
3.2	3.2	2/2	INC LOCOMOTOR ACTIVITY	224	30	*	180
3.2	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	180	***	240
3.2	3.2	1/2	HEAD TWITCH	531	60	*	300
3.2	3.2	1/2	INC REARING FREQUENCY	432	15		60
3.2	3.2	2/2	INC PREENING	140	15		240
3.2	3.2	1/2	INC SCRATCHING	440	30		120
3.2	3.2	1/2	INC RESPIRATORY DEPTH	161	0		15
3.2	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	0	*	15
3.2	3.2	2/2	PILOERECTION	72	120		300
3.2	3.2	2/2	RESTLESSNESS	79	60		240
1.0	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	0	*	60
1.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	60	***	240
1.0	10.0	2/2	HEAD TWITCH	531	120	*	300
1.0	10.0	1/2	INC REARING FREQUENCY	432	30		60
1.0	10.0	2/2	INC PREENING	140	30		240
1.0	10.0	2/2	INC SCRATCHING	440	30		240
1.0	10.0	2/2	INC RESPIRATORY DEPTH	161	30		240
1.0	10.0	2/2	IRREGULAR RESPIRATORY RATE	362	30	*	240
1.0	10.0	1/2	PILOERECTION	72	120		240
1.0	10.0	2/2	RESTLESSNESS	79	30		240
1.0	10.0	2/2	SQUINTING	79	60	***	240
0.32	3.2	2/2	INC LOCOMOTOR ACTIVITY	224	15	*	60
0.32	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	60	***	240
0.32	3.2	1/2	HEAD TWITCH	531	120	*	300
0.32	3.2	1/2	INC REARING FREQUENCY	432	30		60
0.32	3.2	2/2	INC PREENING	140	30		180
0.32	3.2	1/2	INC SCRATCHING	440	30		120
0.32	3.2	2/2	INC RESPIRATORY DEPTH	161	60		180
0.32	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	60	*	180
0.32	3.2	2/2	RESTLESSNESS	79	30		180

INTRAVENOUS TOXICITY TO MICE								
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER		
0.32	3.2	2/2	SQUINTING	79	60	***	180	
0.10	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	30	*	120	
0.10	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	120	***	180	
0.10	10.0	1/2	PILOERECTION	72	120		240	
0.10	10.0	2/2	SQUINTING	79	60	***	180	
0.10	10.0	1/2	INC PREENING	140	30		120	
0.10	10.0	1/2	INC SCRATCHING	440	30		60	
0.032	3.2	2/2	INC LOCOMOTOR ACTIVITY	224	60	*	120	
0.032	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	120	***	180	
0.032	3.2	1/2	INC PREENING	140	30		60	
0.032	3.2	2/2	SQUINTING	79	120	***	180	
0.010	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	0	*	60	
0.010	10.0	2/2	INC PREENING	140	0		60	
0.010	10.0	1/2	INC SCRATCHING	440	0		60	
3.2-3	3.2	1/2	INC LOCOMOTOR ACTIVITY	224	0	*	60	
3.2-3	3.2	1/2	INC SCRATCHING	440	0		60	
3.2-3	3.2	1/2	NO EFFECT	73				
1.0-3	10.0	2/2	NO EFFECT	73				
50.0	5.0	2/2	DEATH	74	0			
40.0	4.0	1/2	DEATH	74	0			
25.0	2.5	0/2	DEATH	74	0			
DIL.			100% STEROL DIL. SUSP QS C H2O					

LD50 160.0 -120.0-200.0-
MED50 0.18 -0.056-0.56-
RATIO LD50/MED50 880.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE. REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	0	*** G 300
100.0	10.0	1/2	INC SENSITIVITY TO PAIN	129	30	120
100.0	10.0	2/2	ABNORMAL REACTION TO PAIN	429	30	300
100.0	10.0	2/2	DEC SENSITIVITY TO TOUCH	231	0	* 120
100.0	10.0	2/2	SOCIAL INTERACTION ALTERED	132	0	180
100.0	10.0	2/2	DEC REARING FREQUENCY	632	0	180
100.0	10.0	2/2	ATAXIA	35	0	*** 60
100.0	10.0	2/2	DEC PREENING	240	0	300
100.0	10.0	2/2	PUPILLARY LIGHT REFLEX ABS	152	0	60
100.0	10.0	2/2	MYDRIASIS	154	0	** 60
100.0	10.0	2/2	INC RESPIRATORY DEPTH	161	0	180
100.0	10.0	2/2	DEC RESPIRATORY RATE	262	15	* 180
100.0	10.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	* 30
100.0	10.0	1/2	MOT DEF HORIZONTAL STRIP	471	0	* 60
100.0	10.0	1/2	MOT DEF VERTICAL ROD	371	0	*** 60
100.0	10.0	1/2	MOT DEF ROTA-ROD	771	0	* 60
100.0	10.0	1/2	MOT DEF INCLINED STRIP	671	0	* 60
100.0	10.0	2/2	LOW CARRIAGE	175	0	60
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	15	* 120
32.0	3.2	2/2	ABNORMAL REACTION TO PAIN	429	60	240

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
32.0	3.2	2/2	INC SENSITIVITY TO TOUCH	131	60	*** G 300
32.0	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0	60
32.0	3.2	1/2	DEC REARING FREQUENCY	632	0	60
32.0	3.2	2/2	DEC PREENING	240	15	60
32.0	3.2	2/2	PUPILLARY LIGHT REFLEX ABS	152	0	60
32.0	3.2	2/2	MYDRIASIS	154	0	* 60
32.0	3.2	1/2	MOT DEF HORIZONTAL STRIP	471	0	* 30
32.0	3.2	1/2	MOT DEF INCLINED STRIP	671	0	* 30
32.0	3.2	2/2	LOW CARRIAGE	175	15	60
10.0	10.0	2/2	ABNORMAL REACTION TO PAIN	429	60	G 300
10.0	10.0	1/2	INC SENSITIVITY TO TOUCH	131	60	* 240
10.0	10.0	1/2	PILOERECTION	72	120	300
3.2	3.2	1/2	INC SENSITIVITY TO PAIN	129	60	300
3.2	3.2	1/2	PUPILLARY LIGHT REFLEX ABS	152	0	60
3.2	3.2	1/2	MYDRIASIS	154	0	** 60
1.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	60	* 240
1.0	10.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	120	* 180
0.32	3.2	1/2	DEC LOCOMOTOR ACTIVITY	124	60	* 120
0.32	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	* 240
0.10	10.0	2/2	NO EFFECT	73		
200.0	20.0	2/2	DEATH	74	0	
160.0	16.0	1/2	DEATH	74	0	
120.0	12.0	0/2	DEATH	74	0	
DIL.			100% STEROL DIL. SUSP QS C H2O			

LD50 50.0 -40.0-63.0-
 MED50 0.56 -0.18-1.8-
 RATIO LD50/MED50 89.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
00.0	10.0	2/2	DEATH	74	0	
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	0	*** G 300
32.0	3.2	2/2	INC PHONATION	128	30	120
32.0	3.2	2/2	INC SENSITIVITY TO PAIN	129	0	240
32.0	3.2	1/2	INC REACTIVITY TO SOUND	330	60	* G 300
32.0	3.2	1/2	INC SENSITIVITY TO TOUCH	131	30	* 120
32.0	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0	G 300
32.0	3.2	2/2	DEC REARING FREQUENCY	632	0	120
32.0	3.2	2/2	DEC REARING HEIGHT	732	0	120
32.0	3.2	2/2	EMPROSTHOTOSIS	138	0	60
32.0	3.2	2/2	MYDRIASIS	154	8	** 180
32.0	3.2	1/2	IRREGULAR RESPIRATORY DEPTH	361	0	30
32.0	3.2	2/2	INC RESPIRATORY RATE	162	0	*** 120
32.0	3.2	1/2	MOT DEF INCLINED STRIP	671	0	*** 120
10.0	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	0	*** 120
10.0	10.0	2/2	INC PHONATION	128	30	120
10.0	10.0	2/2	INC SENSITIVITY TO PAIN	129	15	G 300
10.0	10.0	2/2	INC SENSITIVITY TO TOUCH	131	30	* 120

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
3.2	3.2	2/2	INC LOCOMOTOR ACTIVITY	224	0	120
3.2	3.2	2/2	INC SENSITIVITY TO PAIN	129	15	G 300
3.2	3.2	1/2	MYDRIASIS	154	15	* 240
1.0	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	0	* 30
0.32	3.2	2/2	NO EFFECT	73		
79.0	7.9	2/2	DEATH	74	0	
63.0	6.3	2/2	DEATH	74	0	
50.0	5.0	1/2	DEATH	74	60	
40.0	4.0	0/2	DEATH	74	0	
DIL.			100% STEROL DIL. SUSP QS C H2O			

LD50 320.0 GREAT
 MED50 1.8 -0.56-5.6-
 RATIO LD50/MED50 UNK

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
320.0	32.0	2/2	DEC LOCOMOTOR ACTIVITY	124	0	*** G 300
320.0	32.0	2/2	DEC SENSITIVITY TO PAIN	229	0	G 300
320.0	32.0	2/2	DEC SENSITIVITY TO SOUND	230	0	*** 120
320.0	32.0	2/2	DEC SENSITIVITY TO TOUCH	231	0	*** 180
320.0	32.0	2/2	PINNAL REFLEX ABS	431	0	120
320.0	32.0	2/2	SOCIAL INTERACTION ALTERED	132	0	180
320.0	32.0	2/2	DEC REARING FREQUENCY	632	0	180
320.0	32.0	2/2	DEC REARING HEIGHT	732	120	G 300
320.0	32.0	2/2	LIMP TAIL	333	0	120
320.0	32.0	1/2	INC AGGRESSIVENESS-PEOPLE	334	8	G 300
320.0	32.0	2/2	ATAXIA	35	8	*** 120
320.0	32.0	1/2	INC MUSCLE TONE-LIMBS	337	0	8
320.0	32.0	1/2	DEC MUSCLE TONE-LIMBS	437	0	180
320.0	32.0	2/2	DEC PREENING	240	0	G 300
320.0	32.0	2/2	LOW POSTURE	241	0	120
320.0	32.0	2/2	EXTENSION OF LIMBS	341	60	120
320.0	32.0	2/2	PLACING REFLEX ABS	442	0	60
320.0	32.0	2/2	GRASPING REFLEX ABS	642	0	60
320.0	32.0	2/2	RIGHTING REFLEX ABS	842	0	60
320.0	32.0	1/2	LABYRINTHINE REFLEX ABS	042	0	60
320.0	32.0	1/2	LABYRINTHINE REFLEX DEPR	942	0	8

INTRAVENOUS TOXICITY TO MICE						
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
320.0	32.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	60	* G 300
320.0	32.0	1/2	MIOSIS	254	0	* 30
320.0	32.0	2/2	DEC RESPIRATORY DEPTH	261	0	120
320.0	32.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	120
320.0	32.0	2/2	INC RESPIRATORY RATE	162	0	*** G 300
320.0	32.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	*** G 300
320.0	32.0	2/2	MOT DEF HORIZONTAL WIRE	171	0	*** 180
320.0	32.0	2/2	MOT DEF VERTICAL SCREEN	271	0	*** G 300
320.0	32.0	2/2	MOT DEF HORIZONTAL STRIP	471	0	*** G 300
320.0	32.0	2/2	MOT DEF VERTICAL ROD	371	0	*** G 300
320.0	32.0	2/2	MOT DEF ROTA-ROD	771	0	*** 180
320.0	32.0	2/2	MOT DEF INCLINED STRIP	671	0	*** G 300
100.0	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	0	*** 15
100.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	15	*** 240
100.0	10.0	2/2	SOCIAL INTERACTION ALTERED	132	0	60
100.0	10.0	2/2	DEC REARING HEIGHT	732	0	120
100.0	10.0	2/2	DEC PREENING	240	0	30
100.0	10.0	1/2	PUPILLARY LIGHT REFLEX ABS	152	0	180
100.0	10.0	1/2	MYDRIASIS	154	0	* 180
32.0	3.2	2/2	INC LOCOMOTOR ACTIVITY	224	0	*** 15
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	15	*** 240
32.0	3.2	2/2	SHOVELNOSE MOVEMENTS	925	15	30
32.0	3.2	2/2	INC SENSITIVITY TO TOUCH	131	60	*** 240
32.0	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0	30
32.0	3.2	2/2	DEC REARING HEIGHT	732	0	30
10.0	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	0	*** 60
10.0	10.0	2/2	INC SENSITIVITY TO PAIN	129	60	240
10.0	10.0	2/2	INC SENSITIVITY TO TOUCH	131	30	* 180
10.0	10.0	2/2	INC SPEED OF REARING	532	0	30
10.0	10.0	2/2	PUPILLARY LIGHT REFLEX ABS	152	8	120
10.0	10.0	2/2	MYDRIASIS	154	8	** 120
3.2	3.2	2/2	INC LOCOMOTOR ACTIVITY	224	0	*** 60
1.0	10.0	2/2	NO EFFECT	73		
DIL.			100% STEROL DIL. SUSP QS C H2O			

LD50 100.0 -79.0-130.0-
 MED50 0.018-5.6-3-0.056-
 RATIO LD50/MED50 5.6+3

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
00.0	2.0	1/2	DEATH	74	0	
00.0	2.0	1/2	DEC LOCOMOTOR ACTIVITY	124	0	*** G 300
00.0	2.0	1/2	DEC SENSITIVITY TO SOUND	230	8	* 60
00.0	2.0	1/2	DEC SENSITIVITY TO TOUCH	231	8	* 60
00.0	2.0	1/2	DEC REARING FREQUENCY	632	0	G 300
00.0	2.0	1/2	DEC PREENING	240	0	G 300
00.0	2.0	1/2	LOW POSTURE	241	15	60
00.0	2.0	1/2	EXTENSION OF LIMBS	341	0	15
00.0	2.0	1/2	PROSTRATION	43	0	15
00.0	2.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	8	*** G 300
00.0	2.0	1/2	PUPILLARY LIGHT REFLEX ABS	152	8	30
00.0	2.0	1/2	MYDRIASIS	154	8	** 30
00.0	2.0	1/2	INC RESPIRATORY DEPTH	161	0	60
00.0	2.0	1/2	IRREGULAR RESPIRATORY DEPTH	361	0	15
00.0	2.0	1/2	DEC RESPIRATORY RATE	262	0	60
00.0	2.0	1/2	IRREGULAR RESPIRATORY RATE	362	0	15
00.0	2.0	1/2	MOT DEF HORIZONTAL WIRE	171	0	**** 15
00.0	2.0	1/2	MOT DEF VERTICAL SCREEN	271	0	*** 15
00.0	2.0	1/2	MOT DEF HORIZONTAL STRIP	471	0	*** 30
00.0	2.0	1/2	MOT DEF VERTICAL ROD	371	0	*** 15
00.0	2.0	1/2	MOT DEF ROTA-ROD	771	0	*** 15

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	2.0	1/2	MOT DEF INCLINED STRIP	671	0	*** 30
32.0	0.64	2/2	DEC LOCOMOTOR ACTIVITY	124	0	* 120
32.0	0.64	1/2	INC SENSITIVITY TO SOUND	130	240	* G 300
32.0	0.64	2/2	DEC REARING FREQUENCY	632	8	240
32.0	0.64	2/2	DEC PREENING	240	8	240
32.0	0.64	2/2	INC PREENING	140	240	G 300
32.0	0.64	2/2	EYELID PTOSIS-NONPARALYTIC	149	15	*** 240
32.0	0.64	2/2	INC RESPIRATORY DEPTH	161	0	30
32.0	0.64	2/2	DEC RESPIRATORY RATE	262	0	30
32.0	0.64	2/2	IRREGULAR RESPIRATORY RATE	362	0	15
32.0	0.64	1/2	PILOERECTOR	72	240	G 300
32.0	0.64	1/2	RESTLESSNESS	79	240	G 300
32.0	0.64	1/2	SKIN FLICK	79	240	G 300
10.0	1.0	2/2	INC SENSITIVITY TO SOUND	130	240	* G 300
10.0	1.0	1/2	HEAD TWITCH	531	240	* G 300
10.0	1.0	1/2	INC PREENING	140	240	G 300
10.0	1.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	30	* 60
10.0	1.0	2/2	INC RESPIRATORY DEPTH	161	0	30
10.0	1.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	30
10.0	1.0	1/2	PILOERECTOR	72	240	G 300
10.0	1.0	1/2	RESTLESSNESS	79	240	G 300
10.0	1.0	1/2	SKIN FLICK	79	240	G 300
3.2	1.6	1/2	INC LOCOMOTOR ACTIVITY	224	240	* G 300
3.2	1.6	1/2	INC SENSITIVITY TO SOUND	130	240	* G 300
3.2	1.6	1/2	HEAD TWITCH	531	240	* G 300
3.2	1.6	2/2	INC PREENING	140	240	G 300
3.2	1.6	2/2	INC SCRATCHING	440	240	G 300
3.2	1.6	1/2	INC RESPIRATORY DEPTH	161	0	15
3.2	1.6	1/2	IRREGULAR RESPIRATORY RATE	362	0	15
3.2	1.6	1/2	PILOERECTOR	72	240	G 300
3.2	1.6	1/2	RESTLESSNESS	79	240	G 300
3.2	1.6	1/2	SKIN FLICK	79	240	G 300
1.0	0.50	2/2	INC LOCOMOTOR ACTIVITY	224	180	* G 300
1.0	0.50	2/2	INC PREENING	140	180	G 300
1.0	0.50	1/2	INC SCRATCHING	440	180	G 300
1.0	0.50	1/2	PILOERECTOR	72	180	G 300
0.32	1.6	2/2	INC LOCOMOTOR ACTIVITY	224	240	* G 300
0.32	1.6	1/2	HEAD TWITCH	531	240	* G 300
0.32	1.6	1/2	INC PREENING	140	240	G 300

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
0.32	1.6	1/2	INC SCRATCHING	440	240	G 300
0.10	0.50	2/2	INC LOCOMOTOR ACTIVITY	224	180	G 300
0.032	1.6	1/2	INC LOCOMOTOR ACTIVITY	224	180	* 300
0.032	1.6	1/2	INC REARING FREQUENCY	432	180	240
0.032	1.6	1/2	NO EFFECT	73		
0.010	0.50	1/2	INC LOCOMOTOR ACTIVITY	224	60	* 240
0.010	0.50	1/2	NO EFFECT	73		
3.2-3	1.6	2/2	NO EFFECT	73		
120.0	1.2	2/2	DEATH	74	0	
79.0	1.6	0/2	DEATH	74	0	
63.0	1.2	0/2	DEATH	74	0	
DIL.			100% PEG 300 QS C 100% PEG 300			

LD50 56.0 -45.0-71.0-
 MED50 0.18 -0.056-0.56-
 RATIO LD50/MED50 310.0

TATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
00.0	10.0	2/2	DEATH	74	0	
32.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	8	*** 180
32.0	3.2	2/2	SOCIAL INTERACTION ALTERED	132	0	30
32.0	3.2	2/2	DEC REARING FREQUENCY	632	0	180
32.0	3.2	2/2	DEC PREENING	240	0	180
32.0	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	30	*** 180
32.0	3.2	2/2	INC RESPIRATORY DEPTH	161	15	180
32.0	3.2	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	60
32.0	3.2	2/2	DEC RESPIRATORY RATE	262	15	* 180
32.0	3.2	2/2	IRREGULAR RESPIRATORY RATE	362	0	* 60
10.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	30	*** 180
10.0	10.0	2/2	SOCIAL INTERACTION ALTERED	132	8	30
10.0	10.0	2/2	DEC REARING FREQUENCY	632	8	120
10.0	10.0	2/2	DEC PREENING	240	8	180
10.0	10.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	*** 180
3.2	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	30	*** 180
3.2	3.2	2/2	SOCIAL INTERACTION ALTERED	132	8	30
3.2	3.2	2/2	DEC REARING FREQUENCY	632	30	180

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
3.2	3.2	2/2	DEC PREENING	240	8	180
3.2	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	180
1.0	10.0	2/2	DEC LOCOMOTOR ACTIVITY	124	60	180
1.0	10.0	2/2	DEC PREENING	240	60	180
1.0	10.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	180
1.0	10.0	1/2	IRREGULAR RESPIRATORY DEPTH	361	0	8
1.0	10.0	1/2	IRREGULAR RESPIRATORY RATE	362	0	8
0.32	3.2	2/2	DEC LOCOMOTOR ACTIVITY	124	60	120
0.32	3.2	2/2	DEC PREENING	240	60	120
0.32	3.2	2/2	EYELID PTOSIS-NONPARALYTIC	149	60	120
0.10	10.0	2/2	NO EFFECT	73		
79.0	7.9	2/2	DEATH	74	0	
63.0	6.3	2/2	DEATH	74	0	
50.0	5.0	0/2	DEATH	74	0	
40.0	4.0	0/2	DEATH	74	0	

DIL.

H2O QS C H2O

LD50 20.0 -16.0-25.0-
 MED50 0.56 -0.18-1.8-
 RATIO LD50/MED50 36.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
20.0	2.0	1/2	DEATH	74	0	
20.0	2.0	1/2	DEC LOCOMOTOR ACTIVITY	124	8	*** 240
20.0	2.0	1/2	DEC REARING FREQUENCY	632	0	240
20.0	2.0	1/2	MIXED CONVULSIONS	336	0	8
20.0	2.0	1/2	DEC PREENING	240	0	G 300
20.0	2.0	1/2	TREMORS-REST AND MOVEMENT	144	8	15
20.0	2.0	1/2	EXOPHTHALMOS	46	0	15
20.0	2.0	1/2	EYELID PTOSIS-NONPARALYTIC	149	30	*** 300
20.0	2.0	1/2	DYSPNEA	60	0	*** G 300
20.0	2.0	1/2	INC RESPIRATORY DEPTH	161	0	G 300
20.0	2.0	1/2	DEC RESPIRATORY RATE	262	0	G 300
20.0	2.0	1/2	IRREGULAR RESPIRATORY RATE	362	0	G 300
20.0	2.0	1/2	MOT DEF HORIZONTAL STRIP	471	8	* G 300
20.0	2.0	1/2	MOT DEF VERTICAL ROD	371	8	* G 300
10.0	1.0	2/2	DEC LOCOMOTOR ACTIVITY	124	8	*** 240
10.0	1.0	2/2	DEC REARING FREQUENCY	632	8	240
10.0	1.0	2/2	DEC PREENING	240	8	240
10.0	1.0	2/2	EXTENSION OF LIMBS	341	0	8
10.0	1.0	2/2	TREMORS-REST AND MOVEMENT	144	0	* 8
10.0	1.0	2/2	EXOPHTHALMOS	46	0	8

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
10.0	1.0	2/2	EYELID PTOSIS-NONPARALYTIC	149	30	*** 300
10.0	1.0	1/2	MYDRIASIS	154	0	* 30
10.0	1.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	30
10.0	1.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	* 30
10.0	1.0	2/2	RESTLESSNESS	79	15	300
3.2	1.6	2/2	DEC LOCOMOTOR ACTIVITY	124	60	*** 240
3.2	1.6	2/2	DEC REARING FREQUENCY	632	30	240
3.2	1.6	2/2	DEC PREENING	240	15	240
3.2	1.6	2/2	EYELID PTOSIS-NONPARALYTIC	149	30	*** 240
3.2	1.6	2/2	RESTLESSNESS	79	60	240
1.0	0.50	2/2	DEC LOCOMOTOR ACTIVITY	124	60	*** 180
1.0	0.50	2/2	DEC REARING FREQUENCY	632	60	180
1.0	0.50	2/2	DEC PREENING	240	15	180
1.0	0.50	1/2	EYELID PTOSIS-NONPARALYTIC	149	60	* 180
1.0	0.50	2/2	RESTLESSNESS	79	60	180
0.32	1.6	2/2	NO EFFECT	73		
25.0	2.5	2/2	DEATH	74	0	
16.0	1.6	0/2	DEATH	74	0	
12.0	1.2	0/2	DEATH	74	0	
DIL.			100% PEG 300 QS C 100% PEG 300			

LD50 320.0 GREAT
 MED50 1.8 -0.56-5.6-
 RATIO LD50/MED50 UNK

STATE SOLID

			INTRAVENOUS TOXICITY TO MICE					
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION	SIGN	MIN. APPR	DEG- REE	MIN. TC RECOVER	
320.0	3.2	2/2	DEC LOCOMOTOR ACTIVITY		124	0	***	240
320.0	3.2	1/2	DEC SENSITIVITY TO SOUND		230	8	*	60
320.0	3.2	1/2	DEC SENSITIVITY TO TOUCH		231	8	*	60
320.0	3.2	1/2	HEAD TWITCH		531	15	*	180
320.0	3.2	2/2	SOCIAL INTERACTION ALTERED		132	0		300
320.0	3.2	2/2	DEC REARING FREQUENCY		632	0		300
320.0	3.2	2/2	DEC PREENING		240	0		240
320.0	3.2	2/2	LOW POSTURE		241	0		60
320.0	3.2	2/2	EYELID PTOSIS-NONPARALYTIC		149	15	***	240
320.0	3.2	2/2	INC RESPIRATORY DEPTH		161	0		240
320.0	3.2	2/2	IRREGULAR RESPIRATORY DEPTH		361	0		15
320.0	3.2	2/2	DEC RESPIRATORY RATE		262	8		240
320.0	3.2	2/2	IRREGULAR RESPIRATORY RATE		362	0		15
100.0	2.0	2/2	DEC LOCOMOTOR ACTIVITY		124	0	***	120
100.0	2.0	2/2	SOCIAL INTERACTION ALTERED		132	0		120
100.0	2.0	2/2	DEC REARING FREQUENCY		632	0		120
100.0	2.0	2/2	DEC PREENING		240	0		120
100.0	2.0	2/2	INC RESPIRATORY DEPTH		161	0		60
100.0	2.0	2/2	DEC RESPIRATORY RATE		262	0		60
100.0	2.0	2/2	IRREGULAR RESPIRATORY RATE		362	0		30

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. RECC
100.0	2.0 ^F	1/2	PILOERECTION	72	120	
32.0	0.64	2/2	DEC LOCOMOTOR ACTIVITY	124	30	*
32.0	0.64	1/2	INC RESPIRATORY DEPTH	161	8	
32.0	0.64	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	
32.0	0.64	1/2	DEC RESPIRATORY RATE	262	8	
32.0	0.64	2/2	IRREGULAR RESPIRATORY RATE	362	0	
10.0	1.0	1/2	DEC LOCOMOTOR ACTIVITY	124	30	*
10.0	1.0	2/2	IRREGULAR RESPIRATORY DEPTH	361	0	
10.0	1.0	2/2	IRREGULAR RESPIRATORY RATE	362	0	
3.2	1.6	2/2	IRREGULAR RESPIRATORY RATE	362	0	
1.0	0.50	2/2	NO EFFECT	73		
DIL.			100% PEG 300 QS C 100% PEG 300			

LD50 250.0 - UNKNOWN
 MED50 0.56 - 0.18-1.8-
 RATIO LD50/MED50 450.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	1.6	1/2	DEC LOCOMOTOR ACTIVITY	124	0	
100.0	1.6	1/2	DEC REARING FREQUENCY	632	0	***
100.0	1.6	2/2	RUBBING NOSE	340	0	15
100.0	1.6	2/2	EYELID PTOSIS-NONPARALYTIC	149	0	30
100.0	1.6	1/2	INC RESPIRATORY DEPTH	161	0	15
100.0	1.6	1/2	DEC RESPIRATORY RATE	262	0	30
100.0	1.6	1/2	INC RESPIRATORY RATE	162	0	15
32.0	1.0	1/2	DEC LOCOMOTOR ACTIVITY	124	0	*
32.0	1.0	2/2	INC PREENING	140	120	15
10.0	0.62	1/2	DEC LOCOMOTOR ACTIVITY	124	0	*
10.0	0.62	1/2	PILOERECTION	72	120	240
3.2	1.0	1/2	INC LOCOMOTOR ACTIVITY	224	120	15
3.2	1.0	2/2	INC PREENING	140	60	*
3.2	1.0	2/2	PILOERECTION	72	60	180
1.0	0.63	2/2	INC LOCOMOTOR ACTIVITY	224	120	240
1.0	0.63	2/2	INC PREENING	140	120	240
1.0	0.63	1/2	INC SCRATCHING	440	120	*
						240
						240



DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. RECOV
1.0	0.63	2/2	PILOERECTION	72	120	2
0.32	1.0	2/2	NO EFFECT	73		
250.0	3.9	1/2	DEATH	74	0	
200.0	3.1	0/2	DEATH	74	0	
DIL.			100% PEG 300 QS C 100% PEG 300			

LD50 32.0 -25.0-40.0-
 MED50 0.56 -0.18-1.8-
 RATIO LD50/MED50 56.0

STATE SOLID

DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	INTRAVENOUS TOXICITY TO MICE REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER
100.0	10.0	2/2	DEATH	74	0	
32.0	3.2	1/2	DEATH	74	300	
32.0	3.2	1/2	DEC LOCOMOTOR ACTIVITY	124	0	*** G 300
32.0	3.2	1/2	DEC REARING FREQUENCY	632	0	G 300
32.0	3.2	1/2	DEC PREENING	240	0	G 300
32.0	3.2	1/2	LOW POSTURE	241	0	60
32.0	3.2	1/2	EXOPHTHALMOS	46	0	8
32.0	3.2	1/2	EYELID PTOSIS-NONPARALYTIC	149	30	*** G 300
32.0	3.2	1/2	PUPILLARY LIGHT REFLEX ABS	152	0	120
32.0	3.2	1/2	MYDRIASIS	154	0	* 120
32.0	3.2	1/2	INC RESPIRATORY DEPTH	161	0	G 300
32.0	3.2	1/2	IRREGULAR RESPIRATORY DEPTH	361	0	G 300
32.0	3.2	1/2	DEC RESPIRATORY RATE	262	0	30
32.0	3.2	1/2	INC RESPIRATORY RATE	162	30	* G 300
32.0	3.2	1/2	IRREGULAR RESPIRATORY RATE	362	0	120
32.0	3.2	1/2	MOT DEF HORIZONTAL WIRE	171	0	* 60
32.0	3.2	1/2	MOT DEF VERTICAL SCREEN	271	0	* 60
32.0	3.2	1/2	MOT DEF HORIZONTAL STRIP	471	0	* 120
32.0	3.2	1/2	MOT DEF VERTICAL ROD	371	0	* 60
32.0	3.2	1/2	MOT DEF ROTA-ROD	771	0	* 60

INTRAVENOUS TOXICITY TO MICE								
DOSE MG/KG	DILUT ML/KG	REACT. FRACT.	REACTION SIGN	MIN. APPR	DEG- REE	MIN. TO RECOVER		
32.0	3.2	1/2	MOT DEF INCLINED STRIP	671	0	60	*	
32.0	3.2	1/2	PILOERECTION	72	30	300		G
10.0	10.0	1/2	DEC LOCOMOTOR ACTIVITY	124	0	30	*	
10.0	10.0	2/2	EXOPHTHALMOS	46	0	15		
10.0	10.0	1/2	PUPILLARY LIGHT REFLEX ABS	152	0	60		
10.0	10.0	1/2	MYDRIASIS	154	0	60	*	
3.2	3.2	2/2	INC LOCOMOTOR ACTIVITY	224	8	120	*	
3.2	3.2	1/2	HEAD TWITCH	531	15	60	*	
1.0	10.0	2/2	INC LOCOMOTOR ACTIVITY	224	15	60	*	
0.32	3.2	2/2	NO EFFECT	73				
50.0	5.0	2/2	DEATH	74	0			
40.0	4.0	2/2	DEATH	74	0			
25.0	2.5	0/2	DEATH	74	0			
DIL.			100% STEROL DIL. SUSP QS C H2O					

LOCOMOTOR ACTIVITY OF MICE
GROUPS OF THREE MICE
COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
1356	0.000	543.	347.	365.	167.	261.	137.	145.	203.	150.	101.	2.	0.
		252.	371.	315.	243.	213.	230.	184.	195.	144.	78.	44.	16.
MEAN		398.	359.	340.	205.	237.	184.	165.	199.	147.	90.	23.	8.
1356	18.000	246.	241.	364.	291.	240.	279.	331.	326.	75.	22.	85.	49.
		51.	67.	114.	140.	240.	219.	106.	45.	95.	78.	110.	46.
MEAN		149.	154.	239.	216.	240.	249.	219.	186.	85.	50.	98.	48.
1356	10.000	537.	525.	305.	174.	197.	262.	291.	456.	338.	245.	183.	220.
		467.	425.	347.	323.	328.	234.	353.	361.	262.	173.	249.	220.
MEAN		502.	475.	326.	249.	263.	248.	322.	409.	300.	209.	216.	220.
1356	1.000	519.	419.	388.	446.	359.	271.	242.	177.	109.	160.	132.	113.
		364.	317.	369.	312.	312.	216.	197.	176.	126.	139.	99.	35.
MEAN		442.	368.	379.	379.	336.	244.	220.	177.	118.	150.	116.	74.
2367	0.000	647.	549.	377.	539.	450.	418.	378.	359.	336.	317.	364.	393.
		610.	308.	252.	359.	389.	363.	261.	206.	353.	258.	203.	230.
MEAN		629.	429.	315.	449.	420.	391.	320.	283.	345.	288.	284.	312.
2367	10.000	154.	68.	35.	14.	24.	7.	10.	3.	3.	50.	50.	74.
		362.	114.	25.	52.	94.	55.	28.	21.	23.	15.	52.	42.
MEAN		258.	91.	30.	33.	59.	31.	19.	12.	13.	33.	51.	58.
2367	.100	615.	356.	241.	229.	230.	222.	155.	92.	116.	8.	0.	0.
		627.	329.	266.	265.	397.	352.	252.	392.	324.	311.	194.	99.
MEAN		621.	343.	254.	247.	314.	287.	204.	242.	220.	160.	97.	50.

LOCOMOTOR ACTIVITY OF MICE
GROUPS OF THREE MICE
COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
2516	0.000	279.	363.	288.	338.	255.	199.	290.	216.	244.	350.	283.	166.
		326.	292.	257.	290.	278.	236.	187.	308.	289.	253.	183.	114.
MEAN		303.	328.	273.	314.	267.	218.	239.	262.	267.	302.	233.	140.
2516	56.000	29.	50.	144.	28.	43.	13.	72.	103.	14.	49.	14.	29.
		108.	30.	35.	59.	16.	0.	19.	176.	88.	152.	204.	256.
MEAN		69.	40.	90.	44.	30.	7.	46.	140.	51.	101.	109.	143.
2516	10.000	299.	143.	122.	191.	159.	75.	112.	31.	13.	13.	3.	25.
		852.	541.	339.	327.	381.	509.	415.	459.	348.	234.	195.	177.
MEAN		576.	342.	231.	259.	270.	292.	264.	245.	181.	124.	99.	101.
2516	1.000	405.	369.	302.	304.	333.	312.	251.	317.	267.	305.	164.	51.
		751.	485.	369.	321.	225.	369.	288.	161.	218.	169.	179.	143.
MEAN		578.	427.	336.	313.	279.	341.	270.	239.	243.	237.	172.	97.
2531	0.000	705.	566.	446.	472.	465.	242.	245.	313.	234.	261.	178.	171.
		348.	260.	267.	254.	168.	169.	152.	219.	164.	36.	102.	0.
MEAN		527.	413.	357.	363.	317.	206.	199.	266.	199.	149.	140.	86.
2531	100.000	90.	36.	33.	19.	26.	15.	9.	34.	40.	28.	24.	19.
		13.	109.	51.	33.	40.	40.	34.	22.	7.	14.	8.	0.
MEAN		52.	73.	42.	26.	33.	28.	22.	28.	24.	21.	16.	10.
2531	10.000	644.	426.	299.	199.	296.	238.	147.	223.	223.	137.	25.	76.
		632.	319.	254.	177.	161.	205.	156.	211.	234.	222.	225.	192.
MEAN		638.	373.	277.	188.	229.	222.	152.	217.	229.	180.	125.	134.

LOCOMOTOR ACTIVITY OF MICE

GROUPS OF THREE MICE

COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
2531	1.000	609.	356.	312.	249.	286.	176.	232.	329.	347.	240.	253.	262.
		595.	414.	336.	199.	338.	299.	282.	237.	264.	240.	174.	123.
MEAN		602.	385.	324.	224.	312.	238.	257.	283.	306.	240.	214.	193.
2598	0.000	239.	319.	251.	183.	273.	227.	270.	202.	134.	115.	43.	31.
		239.	319.	251.	183.	273.	227.	270.	202.	134.	115.	43.	31.
MEAN		239.	319.	251.	183.	273.	227.	270.	202.	134.	115.	43.	31.
2598	10.000	363.	164.	86.	82.	106.	96.	82.	132.	148.	173.	103.	34.
		590.	275.	244.	234.	265.	234.	183.	228.	81.	64.	21.	74.
MEAN		477.	220.	165.	158.	186.	165.	133.	180.	115.	119.	62.	54.
2598	.100	446.	312.	200.	196.	158.	161.	139.	124.	145.	149.	170.	113.
		440.	197.	222.	175.	187.	187.	185.	219.	99.	107.	29.	43.
MEAN		443.	255.	211.	186.	173.	174.	162.	172.	122.	128.	100.	78.
2717	0.000	741.	575.	436.	314.	386.	357.	334.	327.	502.	426.	362.	269.
		825.	565.	401.	495.	309.	469.	477.	531.	426.	392.	325.	320.
MEAN		783.	570.	419.	405.	348.	413.	406.	429.	464.	409.	344.	295.
2717	20.100	249.	56.	167.	88.	126.	127.	24.	26.	182.	177.	155.	263.
		194.	58.	129.	97.	91.	107.	140.	229.	212.	325.	211.	104.
MEAN		222.	57.	148.	93.	109.	117.	82.	128.	197.	251.	183.	184.
2717	1.000	589.	308.	370.	301.	303.	295.	268.	208.	276.	143.	95.	167.
		644.	347.	246.	209.	249.	241.	238.	217.	195.	96.	109.	99.
MEAN		617.	328.	308.	255.	276.	268.	253.	213.	236.	120.	102.	133.

LOCOMOTOR ACTIVITY OF MICE
GROUPS OF THREE MICE
COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
2778	0.000	823.	415.	185.	345.	244.	217.	238.	252.	239.	229.	207.	179.
MEAN		613.	397.	304.	211.	272.	171.	191.	61.	55.	5.	5.	4.
		718.	406.	245.	278.	258.	194.	215.	157.	147.	117.	106.	92.
2778	32.000	207.	50.	48.	79.	19.	66.	19.	129.	88.	18.	12.	54.
MEAN		186.	68.	97.	71.	77.	95.	83.	63.	68.	143.	45.	18.
		197.	59.	73.	75.	48.	81.	51.	96.	78.	81.	29.	36.
2778	10.000	553.	373.	297.	266.	166.	273.	220.	206.	206.	145.	108.	48.
MEAN		602.	292.	194.	258.	216.	212.	158.	195.	120.	126.	30.	79.
		578.	333.	246.	262.	191.	243.	189.	201.	163.	136.	69.	64.
2778	1.000	656.	252.	254.	236.	150.	332.	274.	102.	142.	112.	52.	23.
MEAN		539.	383.	321.	376.	295.	238.	227.	224.	176.	147.	91.	205.
		598.	318.	288.	306.	223.	285.	251.	163.	159.	130.	72.	114.
2867	0.000	599.	363.	256.	249.	252.	197.	288.	359.	209.	249.	122.	205.
MEAN		618.	361.	410.	380.	257.	364.	336.	371.	342.	378.	349.	282.
		609.	362.	333.	315.	255.	281.	312.	365.	276.	314.	236.	244.
2867	10.000	14.	17.	60.	40.	23.	40.	14.	25.	22.	19.	57.	96.
MEAN		68.	48.	38.	104.	89.	24.	32.	95.	75.	342.	377.	364.
		41.	33.	49.	72.	56.	32.	23.	60.	49.	181.	217.	230.
2867	1.000	264.	204.	271.	239.	293.	413.	242.	429.	273.	232.	260.	135.
MEAN		356.	249.	327.	240.	318.	296.	184.	289.	307.	245.	257.	131.
		310.	227.	299.	240.	306.	355.	213.	359.	290.	239.	259.	133.

LOCOMOTOR ACTIVITY OF MICE
GROUPS OF THREE MICE
COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
2867	.100	545.	387.	366.	412.	315.	171.	261.	152.	116.	105.	23.	12.
		359.	311.	248.	218.	313.	214.	129.	166.	213.	140.	17.	13.
MEAN		452.	349.	307.	315.	314.	193.	195.	159.	165.	123.	20.	13.
2897	0.000	244.	196.	246.	230.	163.	229.	63.	80.	68.	57.	0.	0.
		469.	420.	438.	221.	201.	261.	410.	343.	331.	294.	272.	316.
MEAN		357.	308.	342.	226.	182.	245.	237.	212.	200.	176.	136.	158.
2897	50.100	146.	267.	105.	105.	60.	10.	331.	216.	175.	207.	208.	150.
		138.	5.	11.	159.	177.	145.	17.	22.	0.	18.	0.	3.
MEAN		142.	136.	58.	132.	119.	78.	174.	119.	88.	113.	104.	77.
2897	1.000	505.	675.	532.	589.	359.	449.	404.	238.	274.	247.	131.	161.
		553.	553.	405.	447.	380.	225.	333.	290.	280.	329.	274.	209.
MEAN		529.	614.	469.	518.	370.	337.	369.	264.	277.	288.	203.	185.
2935	0.000	333.	288.	349.	228.	187.	277.	233.	212.	149.	199.	114.	158.
		434.	244.	293.	267.	217.	188.	256.	181.	209.	220.	122.	117.
MEAN		384.	266.	321.	248.	202.	233.	245.	197.	179.	210.	118.	138.
2935	32.000	85.	93.	122.	126.	123.	72.	76.	157.	141.	38.	174.	93.
		64.	48.	76.	38.	5.	16.	13.	13.	16.	33.	41.	34.
MEAN		75.	71.	99.	82.	64.	44.	45.	85.	79.	36.	108.	64.
2935	1.000	489.	430.	370.	299.	317.	204.	203.	194.	159.	92.	127.	90.
		614.	397.	432.	416.	474.	424.	312.	367.	363.	343.	420.	354.
MEAN		552.	414.	401.	358.	396.	314.	258.	281.	261.	218.	274.	222.

LOCOMOTOR ACTIVITY OF MICE
GROUPS OF THREE MICE
COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
2963	0.000	592.	381.	277.	380.	410.	274.	296.	323.	282.	241.	295.	292.
		470.	353.	58.	124.	353.	218.	236.	175.	130.	15.	39.	71.
MEAN		531.	367.	168.	252.	382.	246.	266.	249.	206.	128.	167.	182.
2963	56.000	19.	26.	7.	58.	5.	25.	9.	44.	57.	3.	7.	8.
		41.	14.	40.	57.	18.	22.	22.	32.	19.	101.	75.	125.
MEAN		30.	20.	24.	58.	12.	24.	16.	38.	38.	52.	41.	67.
2963	32.000	34.	20.	44.	6.	12.	15.	6.	11.	28.	28.	124.	241.
		87.	43.	25.	19.	24.	2.	49.	4.	1.	8.	1.	36.
MEAN		61.	32.	35.	13.	18.	9.	28.	8.	15.	18.	63.	139.
2963	10.000	402.	212.	245.	246.	199.	385.	310.	238.	320.	214.	241.	235.
		82.	8.	38.	30.	0.	0.	1.	11.	139.	252.	240.	263.
MEAN		242.	110.	142.	138.	100.	193.	156.	125.	230.	233.	241.	249.
2963	1.000	440.	310.	249.	245.	226.	312.	200.	215.	174.	180.	68.	201.
		444.	355.	394.	558.	500.	545.	450.	470.	485.	477.	446.	495.
MEAN		442.	333.	322.	402.	363.	429.	325.	343.	330.	329.	257.	348.
2984	0.000	669.	587.	455.	435.	448.	383.	292.	266.	269.	177.	131.	25.
		444.	470.	338.	332.	349.	305.	224.	161.	240.	159.	176.	93.
MEAN		557.	529.	397.	384.	399.	344.	258.	214.	255.	168.	154.	59.
2984	10.000	583.	498.	368.	379.	252.	263.	369.	228.	315.	279.	243.	115.
		511.	448.	416.	294.	337.	382.	383.	193.	376.	204.	113.	59.
MEAN		547.	473.	392.	337.	295.	323.	376.	211.	346.	242.	178.	87.

LOCOMOTOR ACTIVITY OF MICE
GROUPS OF THREE MICE
COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
2984	1.000	886.	642.	393.	382.	287.	340.	416.	432.	479.	340.	244.	267.
		543.	361.	284.	203.	297.	234.	189.	205.	228.	170.	215.	175.
MEAN		715.	502.	339.	293.	292.	287.	303.	319.	354.	255.	230.	221.
2994	0.000	724.	465.	486.	470.	413.	363.	362.	355.	317.	251.	256.	225.
		864.	536.	394.	314.	367.	332.	362.	313.	296.	226.	166.	125.
MEAN		794.	501.	440.	392.	390.	348.	362.	334.	307.	239.	211.	175.
2994	100.000	715.	505.	281.	368.	483.	303.	325.	100.	37.	29.	125.	30.
		544.	311.	157.	139.	96.	187.	135.	86.	8.	27.	8.	10.
MEAN		630.	408.	219.	254.	290.	245.	230.	93.	23.	28.	67.	20.
2994	1.000	741.	638.	384.	396.	506.	504.	386.	343.	449.	348.	199.	275.
		729.	453.	376.	266.	303.	280.	259.	323.	341.	246.	276.	191.
MEAN		735.	546.	380.	331.	405.	392.	323.	333.	395.	297.	238.	233.
2995	0.000	694.	489.	428.	363.	318.	292.	311.	238.	183.	128.	112.	75.
		768.	558.	382.	271.	229.	275.	316.	267.	163.	160.	98.	96.
MEAN		731.	524.	405.	317.	274.	284.	314.	253.	173.	144.	105.	86.
2995	20.000	71.	84.	82.	132.	187.	191.	102.	106.	108.	104.	67.	77.
		112.	178.	216.	189.	170.	76.	1.	0.	94.	107.	202.	173.
MEAN		92.	131.	149.	161.	179.	134.	52.	53.	101.	106.	135.	125.
2995	1.000	963.	632.	461.	316.	297.	353.	282.	327.	244.	104.	268.	377.
		653.	698.	339.	293.	413.	328.	297.	302.	309.	264.	232.	108.
MEAN		808.	665.	400.	305.	355.	341.	290.	315.	277.	184.	250.	243.

LOCOMOTOR ACTIVITY OF MICE
GROUPS OF THREE MICE
COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
2999	0.000	237.	144.	34.	100.	73.	77.	78.	10.	8.	32.	71.	81.
		507.	312.	384.	358.	230.	200.	400.	238.	180.	255.	289.	243.
MEAN		372.	228.	209.	229.	152.	139.	239.	124.	94.	144.	180.	162.
2999	10.000	82.	125.	34.	43.	31.	0.	0.	6.	0.	16.	3.	0.
		371.	227.	271.	243.	258.	190.	193.	156.	111.	130.	152.	181.
MEAN		227.	176.	153.	143.	145.	95.	97.	81.	56.	73.	78.	91.
2999	1.000	438.	326.	284.	321.	271.	335.	266.	254.	212.	241.	147.	179.
		438.	316.	185.	259.	120.	224.	151.	159.	119.	198.	106.	44.
MEAN		438.	321.	235.	290.	196.	280.	209.	207.	166.	220.	127.	112.
5026	0.000	804.	575.	434.	574.	337.	455.	365.	299.	347.	223.	292.	307.
		583.	387.	420.	406.	318.	297.	211.	273.	346.	132.	228.	142.
MEAN		694.	481.	427.	490.	328.	376.	288.	286.	347.	178.	260.	225.
5026	20.000	681.	535.	266.	455.	368.	282.	242.	346.	217.	385.	166.	243.
		689.	469.	331.	203.	335.	227.	191.	115.	97.	117.	112.	285.
MEAN		685.	502.	299.	329.	352.	255.	217.	231.	157.	251.	139.	264.
5026	.320	437.	383.	191.	311.	252.	269.	242.	219.	180.	129.	87.	237.
		438.	379.	295.	244.	242.	229.	340.	244.	259.	204.	171.	137.
MEAN		438.	381.	243.	278.	247.	249.	291.	232.	220.	167.	129.	187.
5031	0.000	647.	509.	342.	363.	404.	411.	288.	280.	268.	400.	232.	179.
		562.	475.	402.	330.	312.	360.	351.	293.	249.	264.	238.	115.
MEAN		605.	492.	372.	347.	358.	386.	320.	287.	259.	332.	235.	147.

LOCOMOTOR ACTIVITY OF MICE

GROUPS OF THREE MICE

COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
5031	100.000	90.	22.	20.	46.	9.	87.	18.	13.	25.	8.	29.	9.
		426.	367.	234.	90.	63.	46.	17.	20.	12.	37.	10.	8.
MEAN		258.	195.	127.	68.	36.	67.	18.	17.	19.	23.	20.	9.
5031	20.000	610.	218.	163.	184.	187.	97.	110.	99.	34.	22.	46.	6.
		440.	345.	190.	188.	175.	167.	122.	168.	284.	232.	179.	83.
MEAN		525.	282.	177.	186.	181.	132.	116.	134.	159.	127.	113.	45.
5031	1.000	588.	341.	364.	176.	200.	209.	214.	197.	100.	97.	154.	25.
		792.	353.	320.	284.	233.	243.	321.	292.	314.	148.	151.	67.
MEAN		690.	347.	342.	230.	217.	226.	268.	245.	207.	123.	153.	46.
5058	0.000	397.	320.	346.	464.	430.	423.	267.	250.	266.	127.	76.	188.
		380.	368.	346.	430.	395.	413.	364.	205.	168.	159.	180.	214.
MEAN		389.	344.	346.	447.	413.	418.	316.	228.	217.	143.	128.	201.
5058	25.100	10.	198.	144.	135.	87.	103.	125.	70.	118.	116.	186.	211.
		37.	73.	73.	50.	30.	47.	84.	144.	215.	206.	187.	177.
MEAN		24.	136.	109.	93.	59.	75.	105.	107.	167.	161.	187.	194.
5058	10.000	772.	674.	621.	604.	579.	473.	432.	301.	351.	428.	346.	472.
		359.	286.	225.	266.	216.	275.	275.	254.	313.	403.	385.	350.
MEAN		566.	480.	423.	435.	398.	374.	354.	278.	332.	416.	366.	411.
5058	1.000	355.	315.	331.	226.	233.	341.	102.	67.	11.	10.	12.	0.
		634.	448.	332.	187.	263.	248.	216.	200.	176.	17.	65.	60.
MEAN		495.	382.	332.	207.	248.	295.	159.	134.	94.	14.	39.	30.

LOCOMOTOR ACTIVITY OF MICE
 GROUPS OF THREE MICE
 COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
5058	.010	576.	349.	260.	196.	216.	155.	297.	217.	273.	164.	102.	134.
		611.	309.	171.	227.	191.	115.	173.	141.	158.	159.	161.	186.
MEAN		594.	329.	216.	212.	204.	135.	235.	179.	216.	162.	132.	160.
5059	0.000	600.	335.	448.	372.	269.	297.	160.	390.	501.	515.	211.	345.
		752.	547.	478.	339.	536.	460.	475.	535.	338.	426.	469.	422.
MEAN		676.	441.	463.	356.	403.	379.	318.	463.	420.	471.	340.	384.
5059	100.000	8.	0.	0.	0.	0.	0.	0.	0.	0.	0.	241.	188.
		176.	72.	170.	39.	37.	24.	15.	100.	2.	0.	0.	111.
MEAN		92.	36.	85.	20.	19.	12.	8.	50.	1.	0.	121.	150.
5059	10.000	835.	532.	518.	530.	347.	402.	393.	398.	417.	225.	326.	304.
		859.	416.	205.	344.	281.	300.	258.	145.	158.	107.	149.	53.
MEAN		847.	474.	362.	437.	314.	351.	326.	272.	288.	166.	238.	179.
5059	1.000	404.	329.	340.	267.	265.	327.	246.	203.	166.	180.	218.	187.
		825.	443.	329.	227.	279.	226.	219.	246.	152.	257.	84.	105.
MEAN		615.	386.	335.	247.	272.	277.	233.	225.	159.	219.	151.	146.
5071	0.000	801.	630.	347.	376.	370.	340.	287.	299.	349.	251.	52.	121.
		757.	714.	262.	437.	372.	367.	377.	441.	342.	388.	227.	329.
MEAN		779.	672.	305.	407.	371.	354.	332.	370.	346.	320.	140.	225.
5071	32.000	172.	141.	147.	164.	201.	154.	86.	188.	156.	164.	326.	298.
		114.	85.	99.	145.	147.	168.	8.	69.	140.	89.	288.	216.
MEAN		143.	113.	123.	159.	174.	161.	47.	129.	148.	127.	307.	257.

LOCOMOTOR ACTIVITY OF MICE

GROUPS OF THREE MICE

COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
5071	10.000	749.	441.	421.	437.	345.	298.	332.	349.	253.	242.	187.	234.
		715.	488.	307.	306.	285.	214.	226.	195.	270.	197.	43.	47.
MEAN		732.	465.	364.	372.	315.	256.	279.	272.	262.	220.	115.	141.
5071	1.000	745.	622.	477.	438.	327.	449.	138.	374.	241.	117.	138.	123.
		358.	233.	256.	287.	308.	196.	114.	69.	135.	52.	84.	77.
MEAN		552.	428.	367.	363.	318.	323.	126.	222.	188.	85.	111.	100.
5092	0.000	329.	344.	340.	235.	171.	134.	62.	12.	114.	11.	0.	1.
		735.	527.	356.	373.	304.	306.	351.	406.	368.	366.	353.	404.
MEAN		532.	436.	348.	304.	238.	220.	207.	209.	241.	189.	177.	203.
5092	250.000	88.	59.	34.	22.	27.	62.	41.	0.	0.	0.	0.	0.
		495.	207.	224.	94.	89.	163.	0.	80.	262.	18.	27.	0.
MEAN		292.	133.	129.	58.	58.	113.	21.	40.	131.	9.	14.	0.
5092	10.000	436.	225.	232.	200.	219.	170.	291.	253.	219.	204.	211.	197.
		779.	576.	436.	305.	235.	276.	345.	244.	216.	213.	198.	147.
MEAN		608.	401.	334.	253.	227.	223.	318.	249.	218.	209.	205.	172.
5104	0.000	766.	509.	451.	352.	332.	367.	284.	187.	318.	348.	275.	217.
		774.	580.	480.	435.	365.	528.	409.	335.	441.	235.	324.	425.
MEAN		770.	545.	466.	394.	349.	448.	347.	261.	380.	292.	300.	321.
5104	63.100	97.	44.	63.	41.	53.	59.	92.	137.	69.	122.	129.	109.
		139.	92.	79.	58.	44.	55.	26.	61.	99.	212.	108.	84.
MEAN		118.	68.	71.	50.	49.	57.	59.	99.	84.	167.	119.	97.

LOCOMOTOR ACTIVITY OF MICE

GROUPS OF THREE MICE

COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
5104	10.000	712.	580.	303.	527.	290.	235.	298.	390.	362.	363.	318.	379.
		776.	364.	191.	168.	205.	184.	160.	129.	120.	177.	48.	51.
MEAN		744.	472.	247.	348.	248.	210.	229.	260.	241.	270.	183.	215.
5104	1.000	697.	484.	425.	320.	378.	380.	475.	245.	386.	320.	371.	280.
		928.	637.	533.	452.	448.	367.	421.	261.	322.	236.	231.	238.
MEAN		813.	561.	479.	386.	413.	374.	448.	253.	354.	278.	301.	259.
5143	0.000	364.	229.	267.	401.	215.	136.	187.	147.	59.	12.	18.	11.
		693.	344.	299.	287.	375.	222.	225.	191.	170.	56.	37.	32.
MEAN		529.	287.	283.	344.	295.	179.	206.	169.	115.	34.	28.	22.
5143	32.000	190.	107.	83.	42.	51.	196.	100.	111.	160.	66.	115.	109.
		89.	35.	0.	0.	1.	3.	93.	63.	42.	22.	0.	2.
MEAN		140.	71.	42.	21.	26.	100.	97.	87.	101.	44.	58.	56.
5143	10.000	749.	287.	143.	73.	42.	15.	72.	48.	56.	191.	119.	28.
		647.	413.	220.	191.	199.	201.	91.	62.	23.	3.	0.	13.
MEAN		698.	350.	182.	132.	121.	108.	82.	55.	40.	97.	60.	21.
5143	1.000	518.	428.	307.	359.	349.	362.	336.	312.	177.	172.	167.	160.
		766.	447.	325.	263.	192.	215.	101.	118.	154.	82.	123.	97.
MEAN		642.	438.	316.	311.	271.	289.	219.	215.	166.	127.	145.	129.
5145	0.000	354.	287.	266.	181.	363.	378.	273.	307.	188.	166.	107.	113.
		380.	363.	272.	365.	402.	431.	315.	136.	167.	67.	23.	3.
MEAN		367.	325.	269.	273.	383.	405.	294.	222.	178.	117.	65.	58.

LOCOMOTOR ACTIVITY OF MICE
 GROUPS OF THREE MICE
 COUNTS AT INDICATED INTERVAL

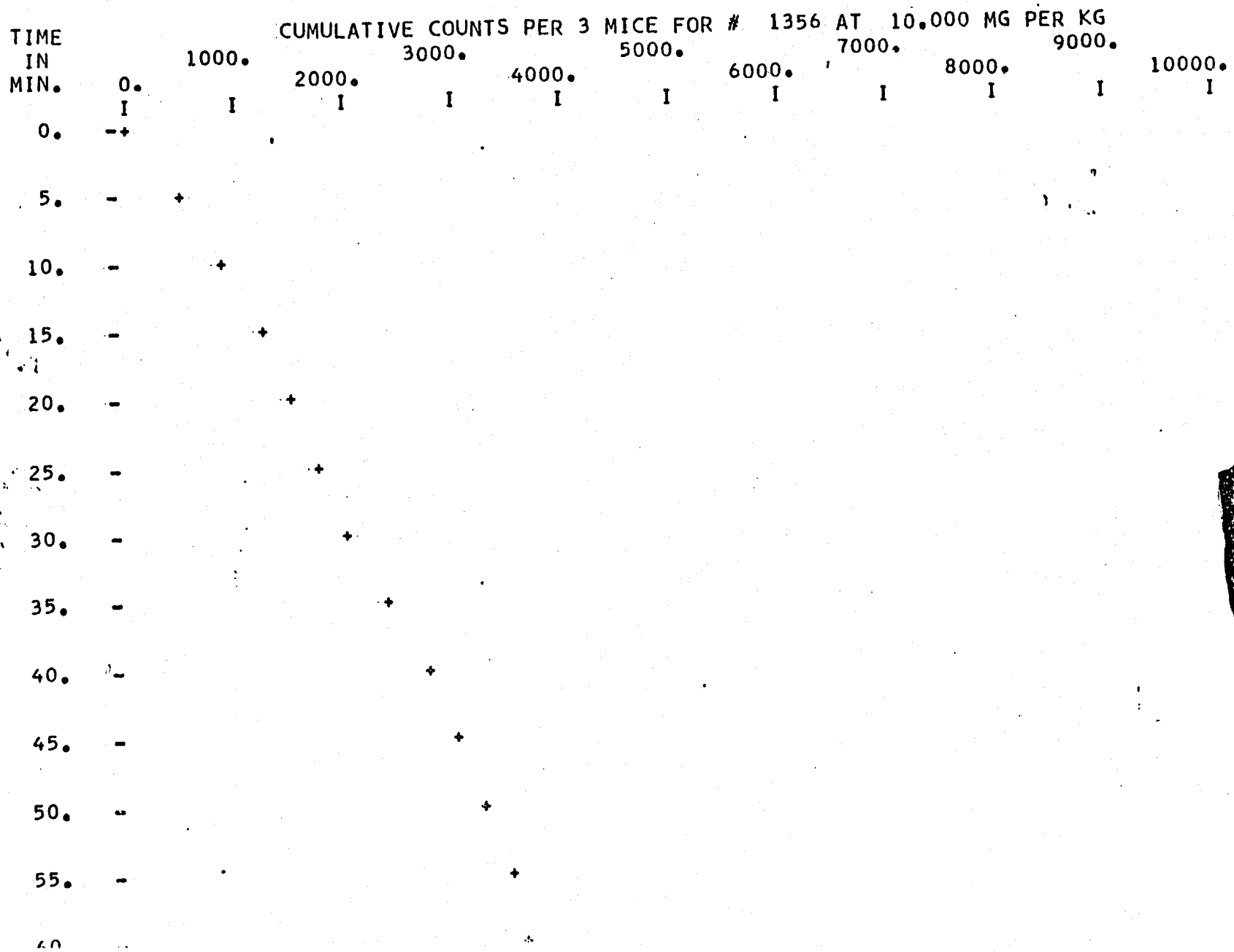
COMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
5145	15.800	111.	53.	40.	46.	17.	13.	17.	21.	19.	10.	30.	19.
		38.	203.	92.	79.	66.	63.	11.	13.	99.	82.	147.	91.
MEAN		75.	128.	66.	63.	42.	38.	14.	17.	59.	46.	89.	55.
5145	10.000	106.	118.	112.	47.	53.	34.	123.	120.	57.	101.	6.	33.
		48.	31.	51.	12.	62.	72.	107.	90.	101.	20.	35.	0.
MEAN		77.	75.	82.	30.	58.	53.	115.	105.	79.	61.	21.	17.
5145	3.200	373.	225.	201.	97.	98.	203.	166.	144.	50.	43.	15.	17.
		524.	271.	292.	303.	244.	236.	220.	201.	172.	110.	229.	56.
MEAN		449.	248.	247.	200.	171.	220.	193.	173.	111.	77.	122.	37.
5145	.320	837.	428.	181.	174.	226.	135.	105.	188.	145.	73.	100.	6.
		444.	319.	300.	233.	352.	301.	51.	249.	119.	108.	66.	56.
MEAN		641.	374.	241.	204.	289.	218.	78.	219.	132.	91.	83.	31.
365853	0.000	921.	593.	550.	434.	437.	247.	356.	424.	416.	165.	237.	326.
		649.	422.	449.	418.	302.	233.	260.	211.	124.	236.	147.	124.
MEAN		785.	508.	500.	426.	370.	240.	308.	318.	270.	201.	192.	225.
365853	100.000	23.	9.	115.	122.	74.	163.	135.	78.	95.	120.	65.	187.
		13.	0.	0.	0.	4.	89.	12.	29.	107.	24.	62.	162.
MEAN		18.	5.	58.	61.	39.	126.	74.	54.	101.	72.	64.	175.
365853	10.000	656.	335.	283.	202.	234.	235.	198.	159.	128.	143.	110.	59.
		733.	420.	324.	327.	380.	383.	251.	328.	264.	256.	348.	236.
MEAN		695.	378.	304.	265.	307.	309.	225.	244.	196.	200.	229.	148.

LOCOMOTOR ACTIVITY OF MICE
 GROUPS OF THREE MICE
 COUNTS AT INDICATED INTERVAL

CMPND	LEVEL MG/KG	5MIN	10MIN	15MIN	20MIN	25MIN	30MIN	35MIN	40MIN	45MIN	50MIN	55MIN	60MIN
365859	0.000	535.	442.	440.	318.	330.	290.	287.	244.	297.	132.	217.	270.
		771.	602.	511.	422.	406.	398.	389.	272.	390.	344.	146.	232.
		MEAN	653.	522.	476.	370.	368.	344.	338.	258.	344.	238.	182.
365859	10.000	305.	286.	180.	154.	123.	192.	316.	200.	248.	179.	181.	162.
		215.	124.	157.	252.	237.	265.	241.	250.	168.	199.	117.	139.
		MEAN	260.	205.	169.	203.	180.	229.	279.	225.	208.	189.	149.
365859	1.000	625.	365.	334.	203.	250.	270.	290.	248.	186.	188.	210.	111.
		489.	293.	289.	238.	304.	196.	181.	91.	73.	122.	86.	49.
		MEAN	557.	329.	312.	221.	277.	233.	236.	170.	130.	155.	148.
365891	0.000	813.	724.	504.	491.	425.	582.	478.	450.	307.	392.	517.	253.
		830.	600.	412.	394.	352.	357.	250.	211.	282.	237.	258.	152.
		MEAN	822.	662.	458.	443.	389.	470.	364.	331.	295.	315.	388.
365891	32.000	53.	24.	52.	7.	10.	12.	4.	15.	19.	50.	7.	0.
		251.	188.	152.	208.	183.	153.	258.	234.	219.	238.	189.	160.
		MEAN	152.	106.	102.	108.	97.	83.	131.	125.	119.	144.	98.
865891	1.000	697.	545.	420.	409.	441.	387.	281.	364.	357.	417.	307.	392.
		631.	414.	572.	501.	390.	391.	363.	402.	461.	444.	342.	326.
		MEAN	664.	480.	496.	455.	416.	389.	322.	383.	409.	431.	325.

CUMULATIVE COUNTS PER 3 MICE FOR # 1356 AT 18.000 MG PER KG

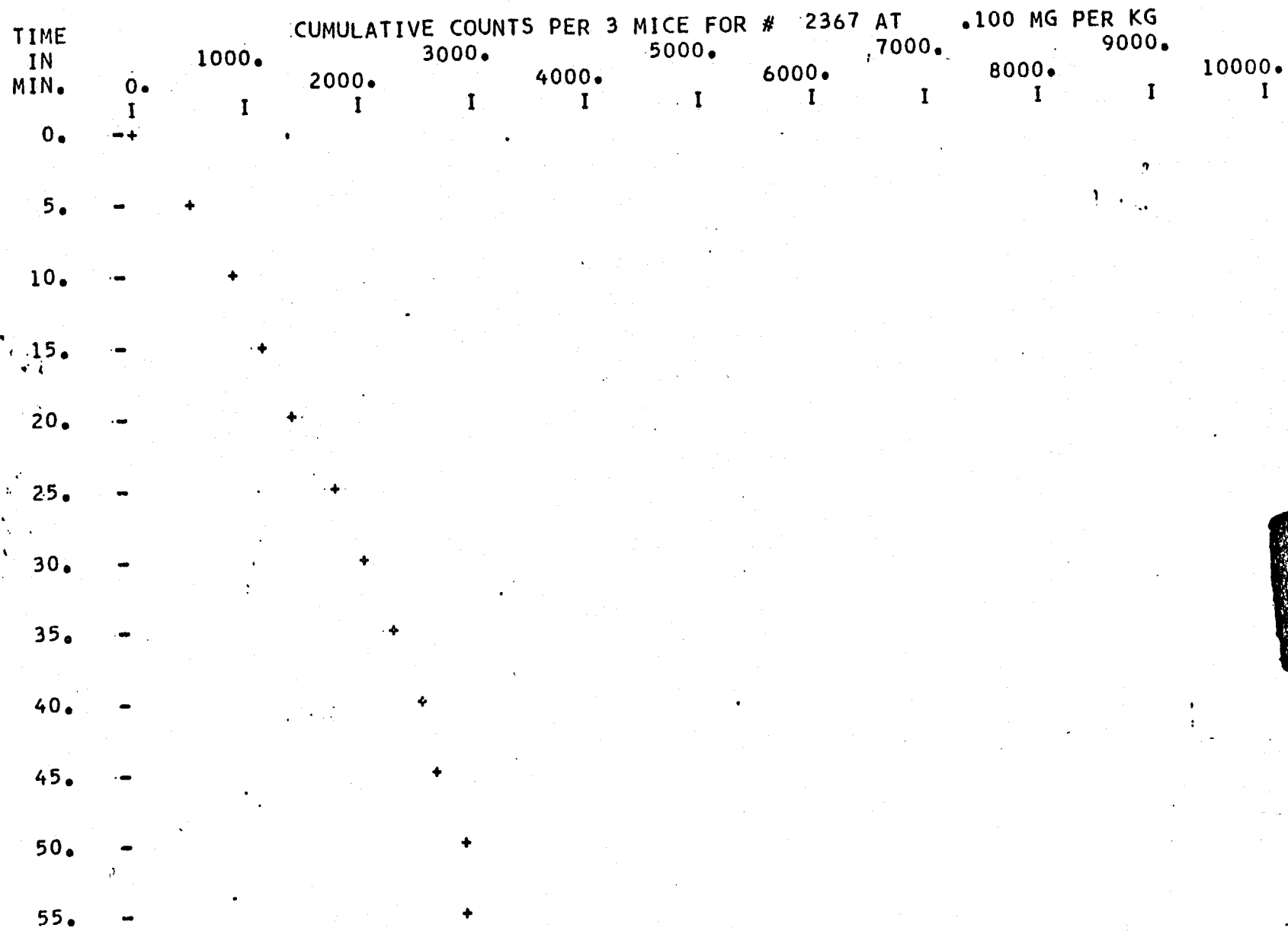
TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										

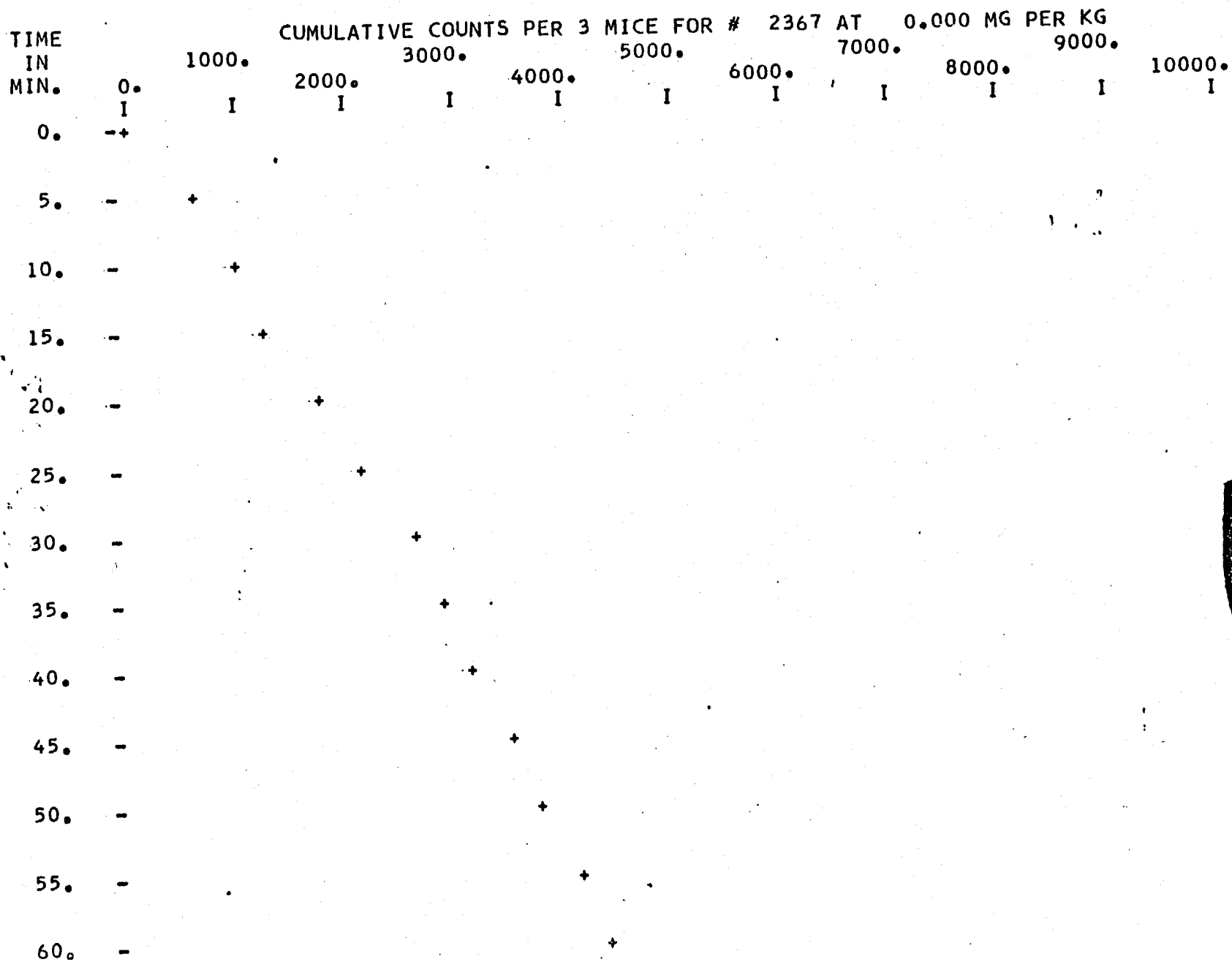


TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 1356 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	- I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-			+							
30.	-				+						
35.	-					+					
40.	-						+				
45.	-							+			
50.	-								+		
55.	-									+	

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 1356 AT 0.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-	+									
25.	-		+								
30.	-		+								
35.	-		+								
40.	-		+								
45.	-		+								
50.	-		+								
55.	-		+								
60.	-		+								

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2367 AT 10.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I -+	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										





TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2516 AT 56,000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	--+										
10.	--+										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										

CUMULATIVE COUNTS PER 3 MICE FOR # 2516 AT 10.000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.	
0.	-											
5.	-	+										
10.	-		+									
15.	-			+								
20.	-				+							
25.	-					+						
30.	-						+					
35.	-							+				
40.	-								+			
45.	-									+		
50.	-										+	
55.	-											+

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2516 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-		+								
30.	-			+							
35.	-			+							
40.	-				+						
45.	-					+					
50.	-						+				
55.	-							+			

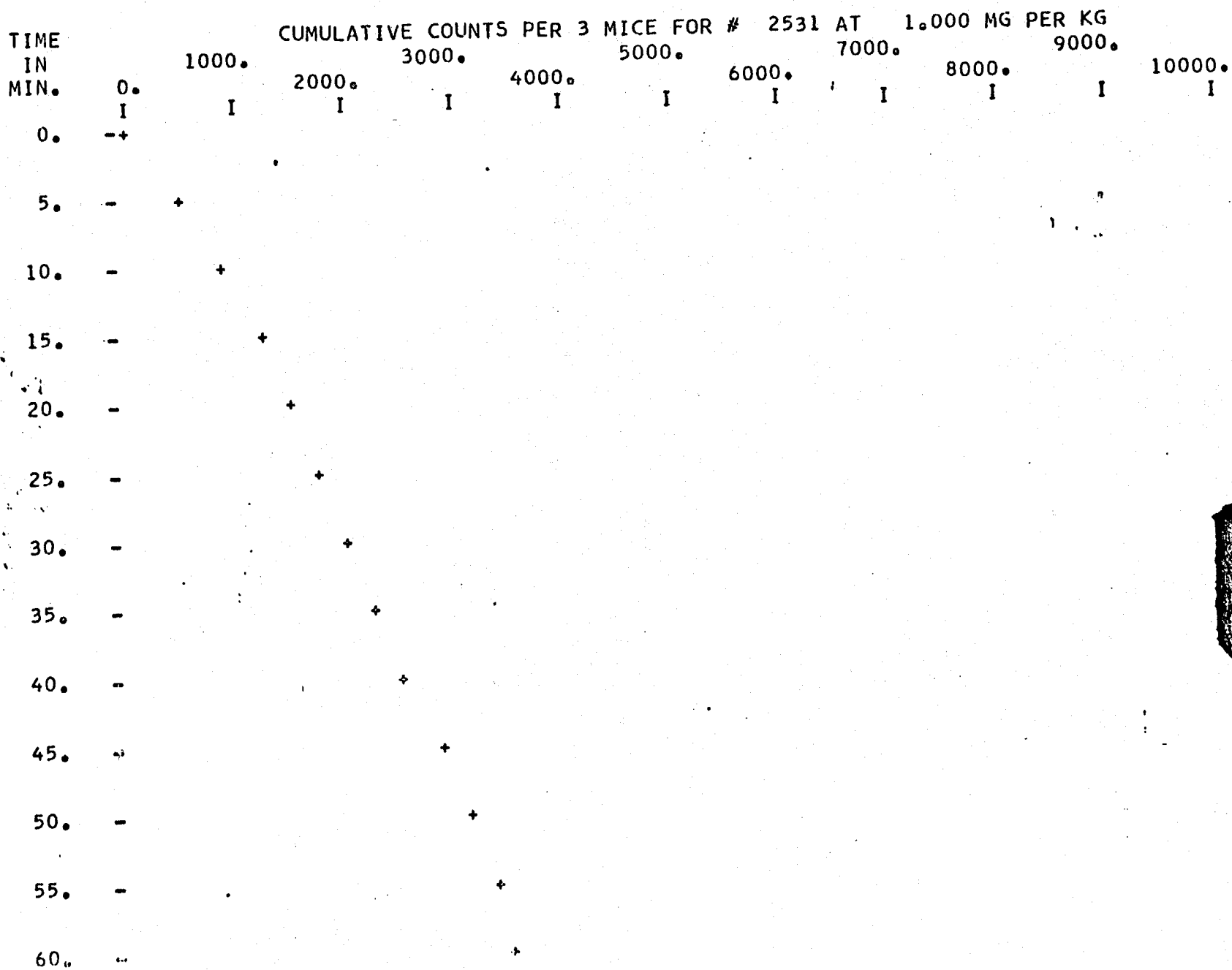
TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2516 AT 0.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-	+									
25.	-	+									
30.	-		+								
35.	-		+								
40.	-			+							
45.	-				+						
50.	-					+					
55.	-						+				
60.	-							+			

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2531 AT 10.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
	I	I	I	I	I	I	I	I	I	I	I
0.	-+										
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-			+							
30.	-				+						
35.	-					+					
40.	-						+				
45.	-							+			
50.	-								+		
55.	-									+	
60.	-										+

CUMULATIVE COUNTS PER 3 MICE FOR # 2531 AT 100.000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	- +	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2531 AT 0.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-		+								
30.	-		+								
35.	-			+							
40.	-				+						
45.	-					+					
50.	-						+				
55.	-							+			
60.	-								+		



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2598 AT 0.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	-	+									
15.	-	+									
20.	-	+									
25.	-		+								
30.	-		+								
35.	-			+							
40.	-				+						
45.	-					+					
50.	-						+				
55.	-							+			
60.	-								+		

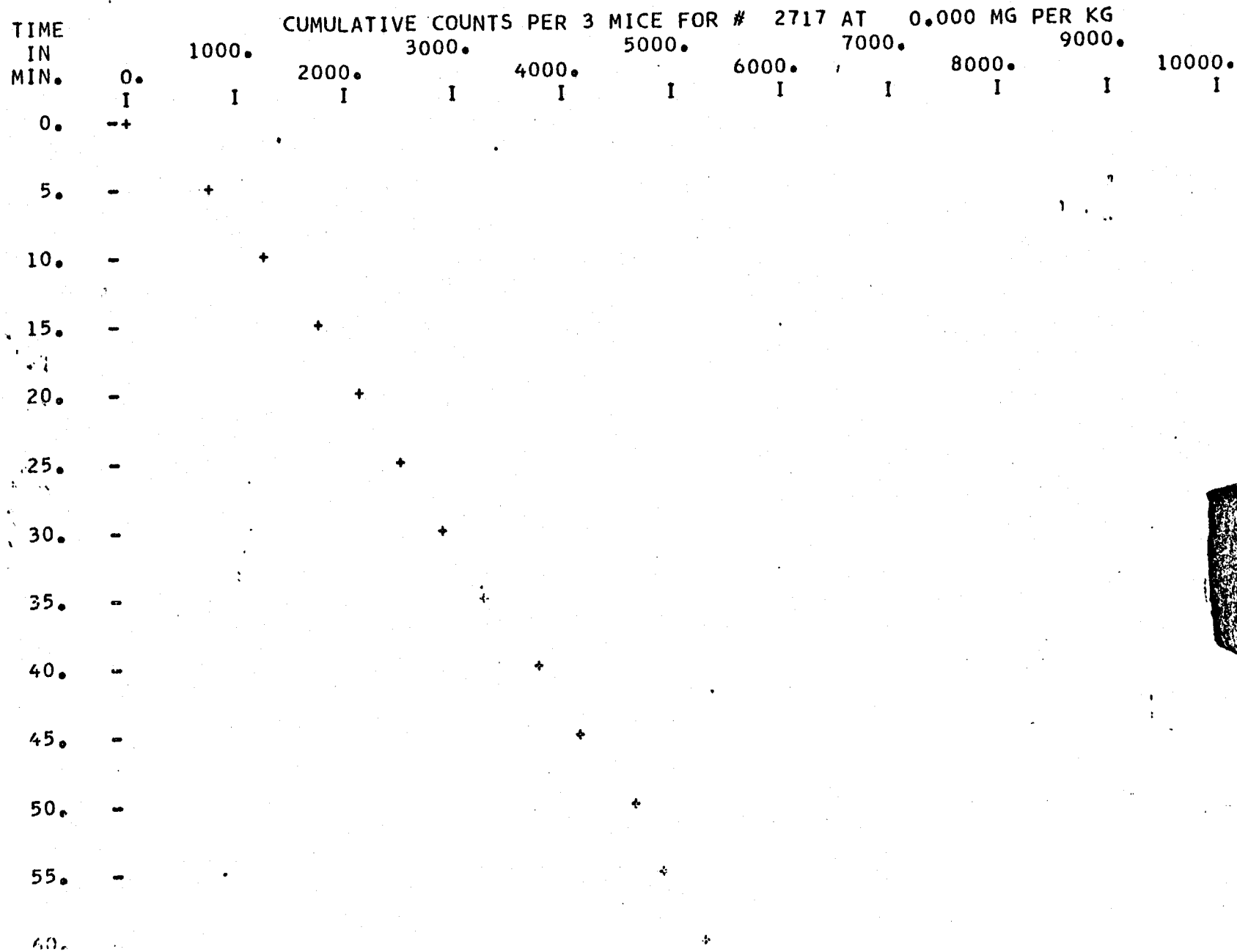
TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2598 AT .100 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-	+									
25.	-	+									
30.	-	+									
35.	-	+									
40.	-	+									
45.	-	+									
50.	-	+									
55.	-	+									
60.	-	+									

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2598 AT 10.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-	+									
25.	-	+									
30.	-	+									
35.	-		+								
40.	-		+								
45.	-		+								
50.	-		+								
55.	-		+								
60.	-										

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2717 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
	I	I	I	I	I	I	I	I	I	I	I
0.	-+										
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-			+							
30.	-				+						
35.	-					+					
40.	-						+				
45.	-							+			
50.	-								+		
55.	-									+	
60.	-										+



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2717 AT 20.100 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	- I	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	-										

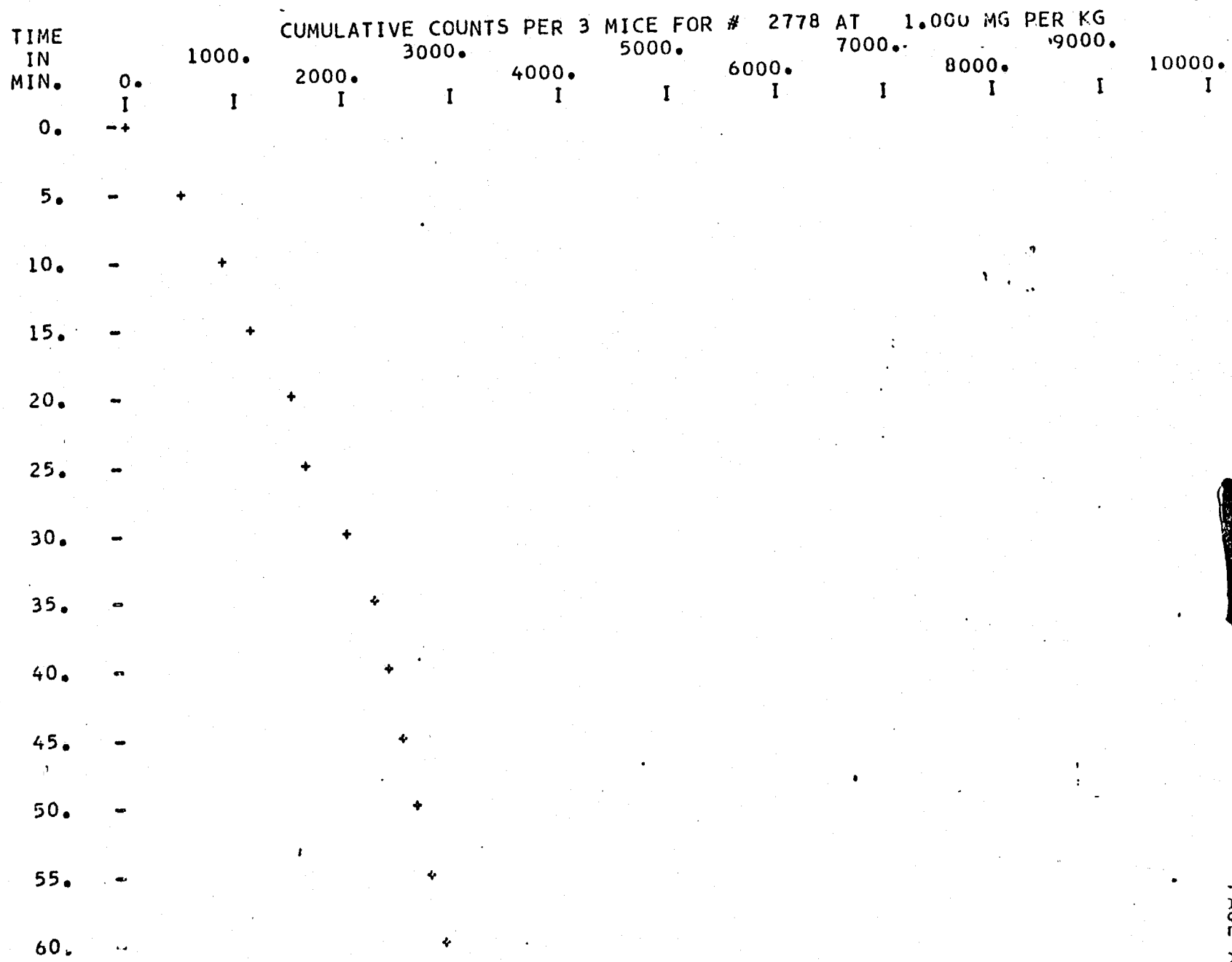


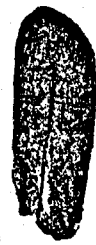
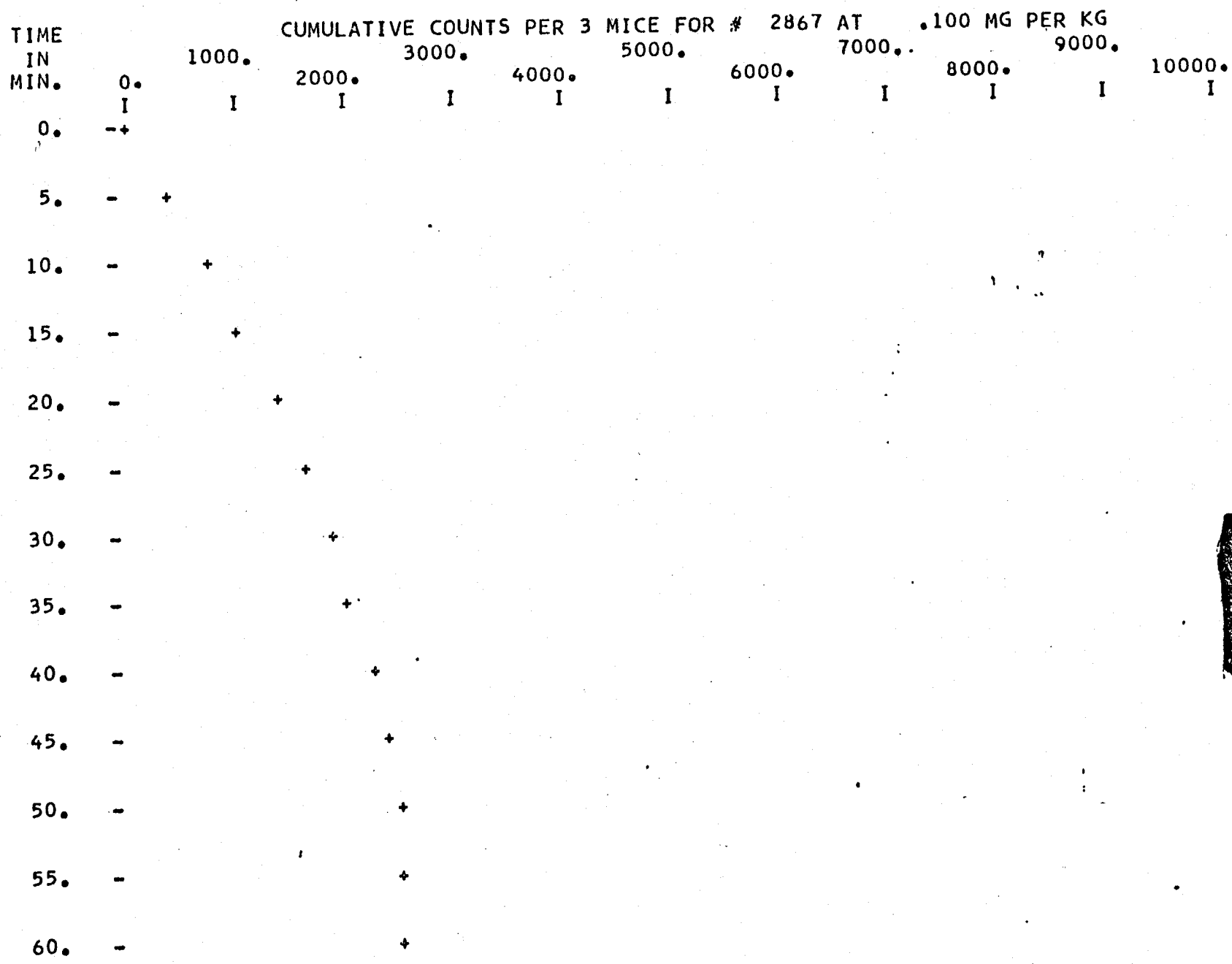
CUMULATIVE COUNTS PER 3 MICE FOR # 2778 AT 32.000 MG PER KG

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2778 AT 32.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	- +	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

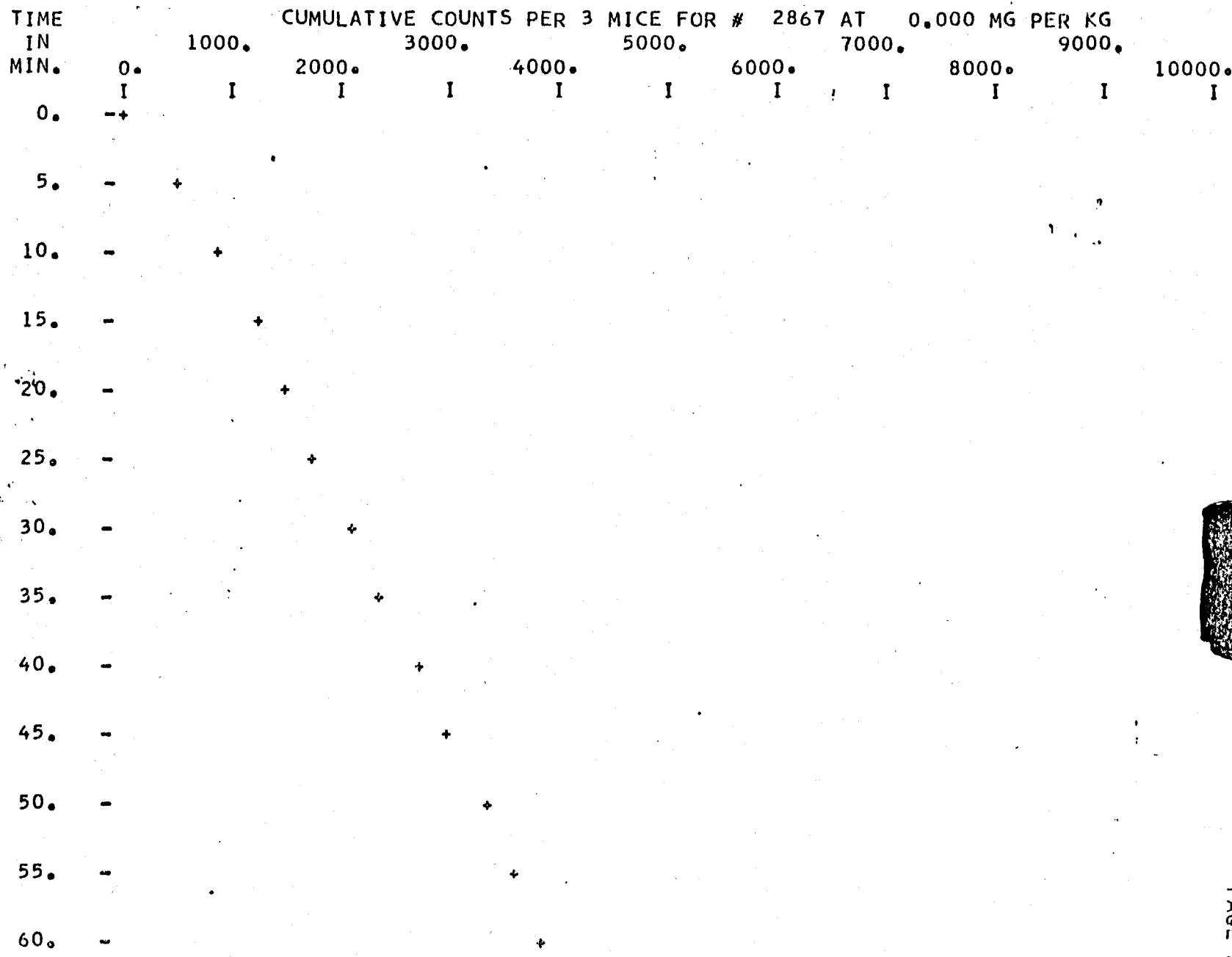
CUMULATIVE COUNTS PER 3 MICE FOR # 2778 AT 10.000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-		+								
30.	-		+								
35.	-			+							
40.	-				+						
45.	-					+					
50.	-						+				
55.	-							+			
60.	-									+	



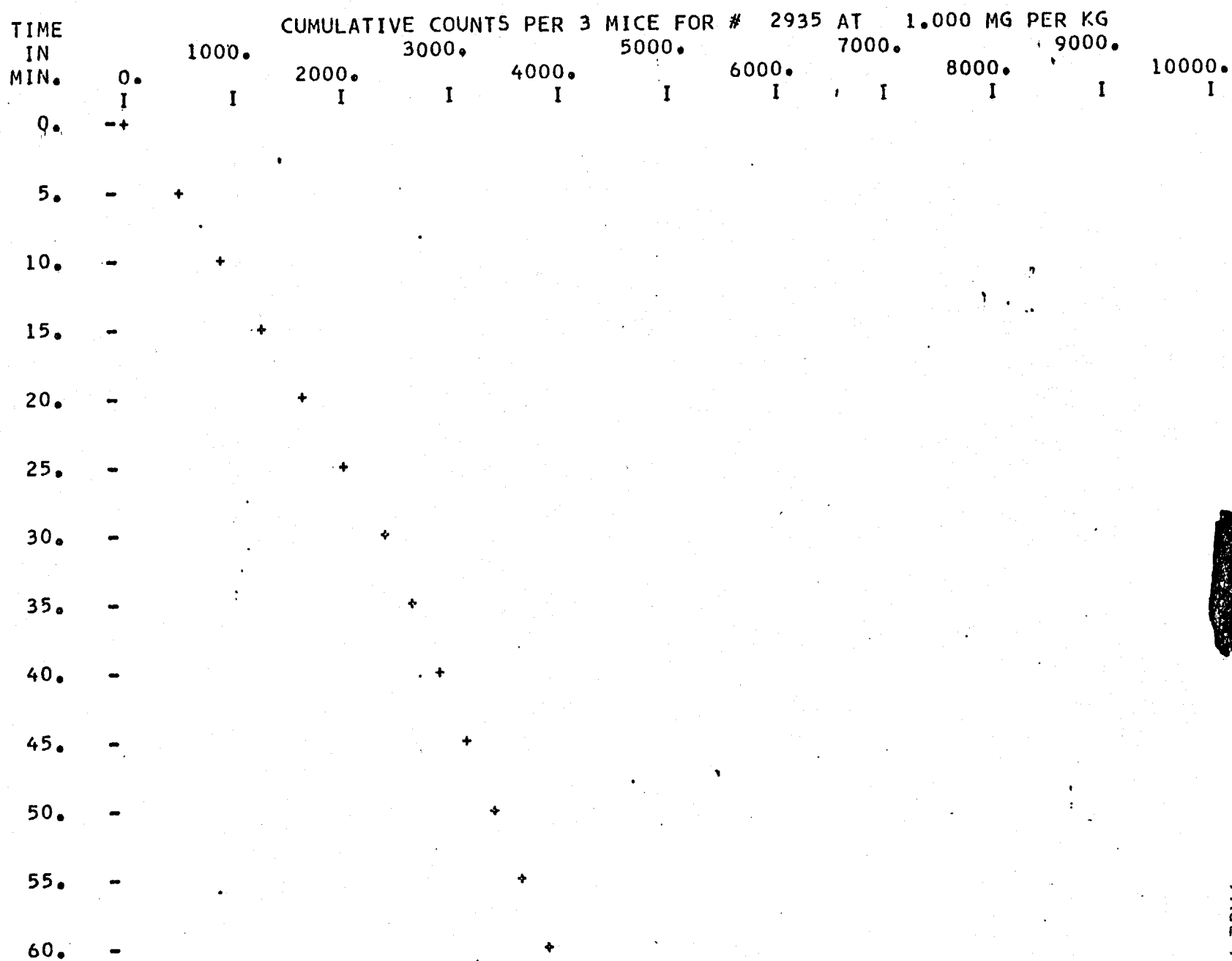


765



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2867 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-+	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-			+							
25.	-				+						
30.	-					+					
35.	-						+				
40.	-							+			
45.	-								+		
50.	-									+	
55.	-										+

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2935 AT 0.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-	+									
25.	-		+								
30.	-		+								
35.	-		+								
40.	-		+								
45.	-		+								
50.	-		+								
55.	-		+								
60.	-		+								

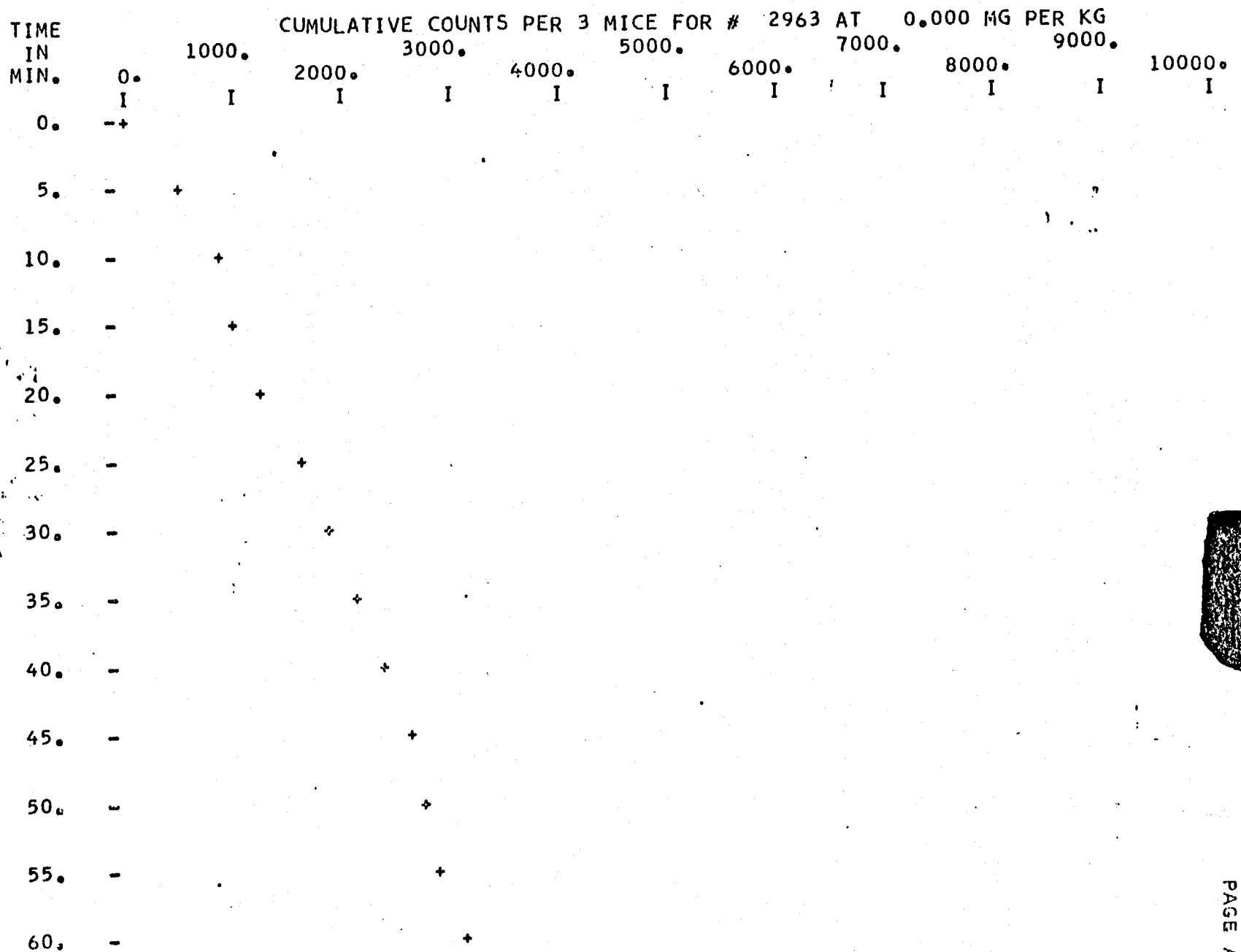


TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2963 AT 56.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2963 AT 32.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	--+										
10.	--+										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

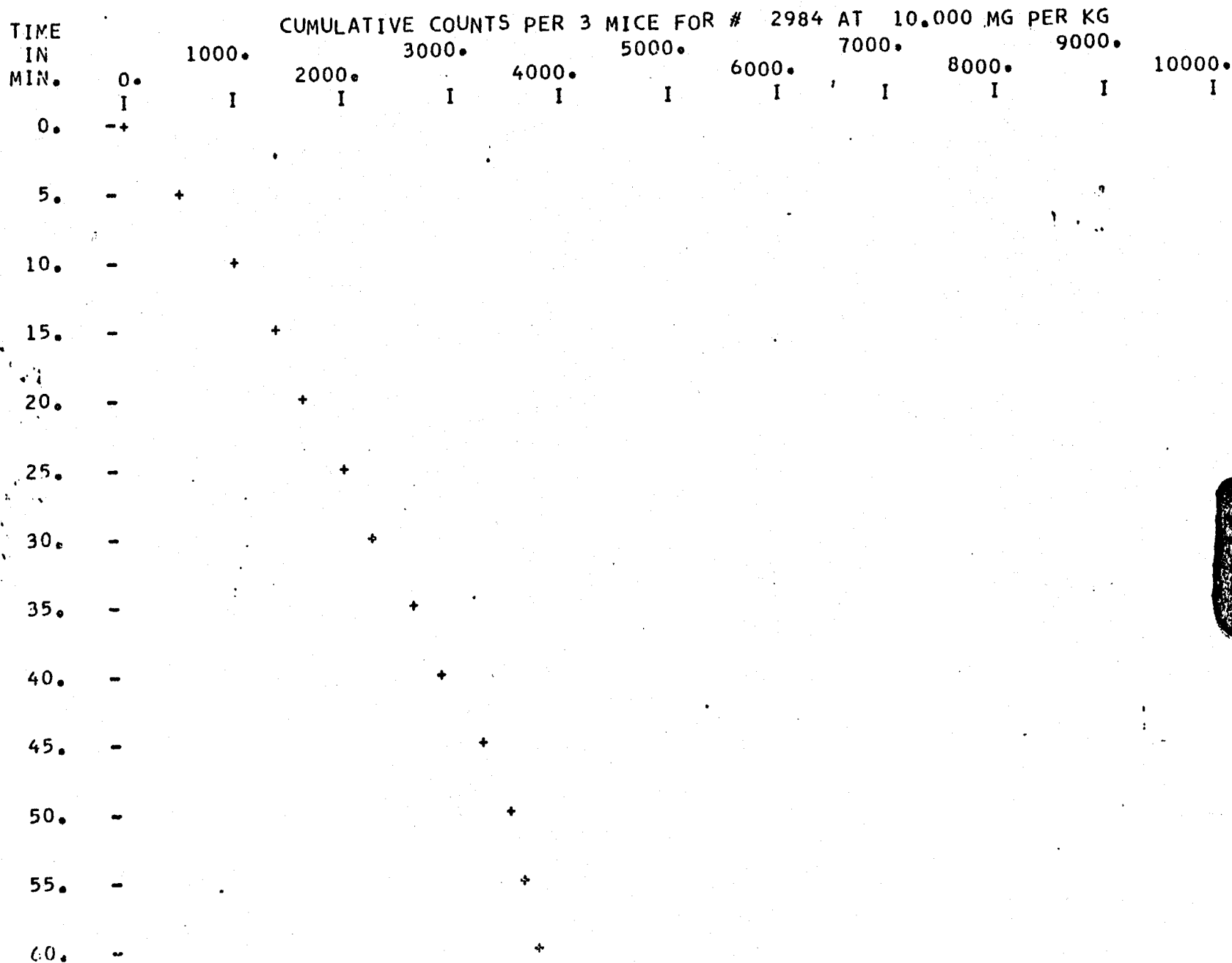
TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2963 AT 10.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I -+	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	-	+									
25.	-	+									
30.	-		+								
35.	-			+							
40.	-				+						
45.	-					+					
50.	-						+				
55.	-							+			
60.	-								+		

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2963 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-		+								
30.	-			+							
35.	-			+							
40.	-				+						
45.	-					+					
50.	-						+				
55.	-							+			
60.	-								+		



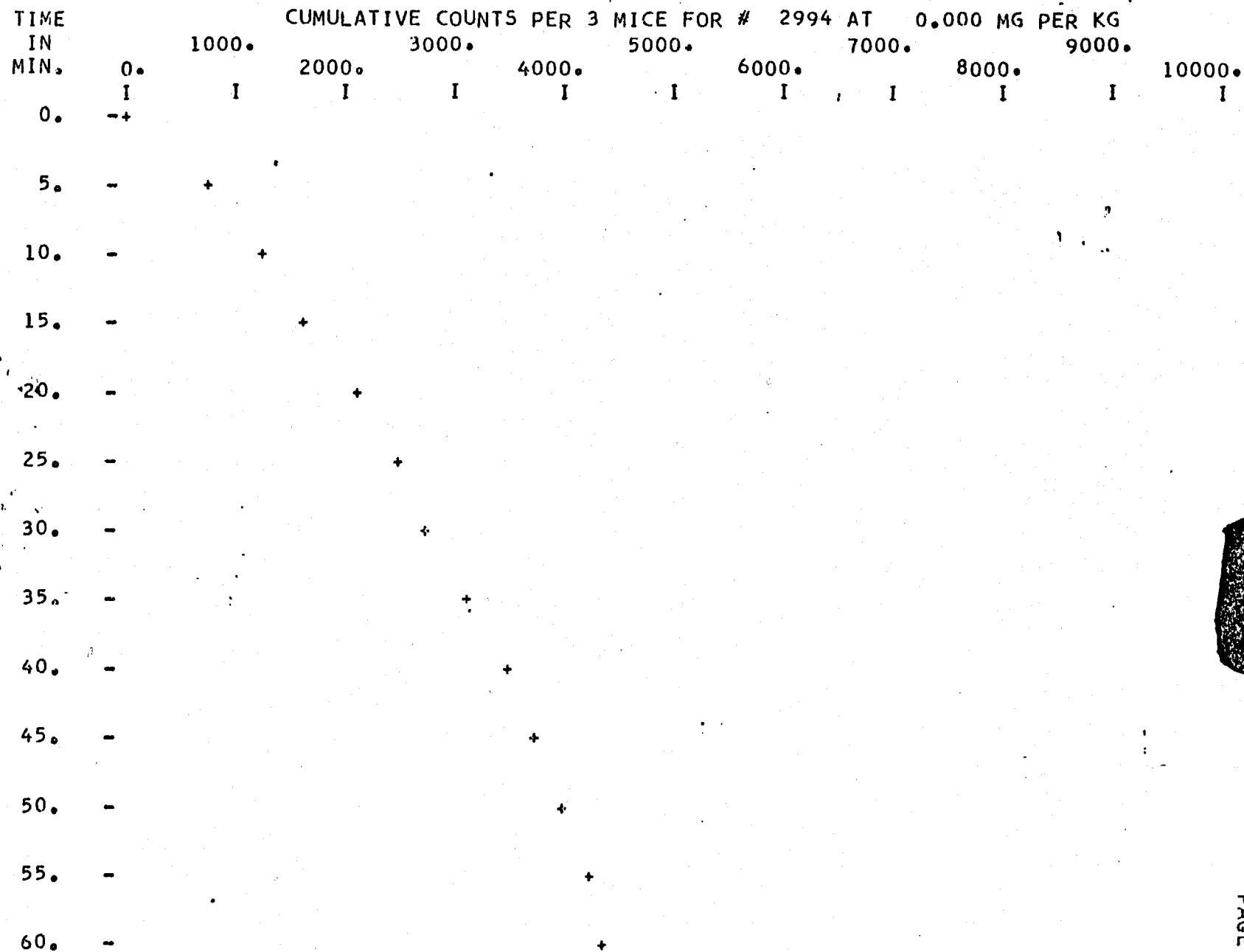
TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2984 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-			+							
30.	-				+						
35.	-					+					
40.	-						+				
45.	-							+			
50.	-								+		
55.	-									+	
60.	-										+

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2984 AT 0.000 MG PER KG											
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.	
0.	-+	I	I	I	I	I	I	I	I	I	I	
5.	-	+										
10.	-	+										
15.	-		+									
20.	-			+								
25.	-				+							
30.	-					+						
35.	-						+					
40.	-							+				
45.	-								+			
50.	-									+		
55.	-										+	
60.	-											+

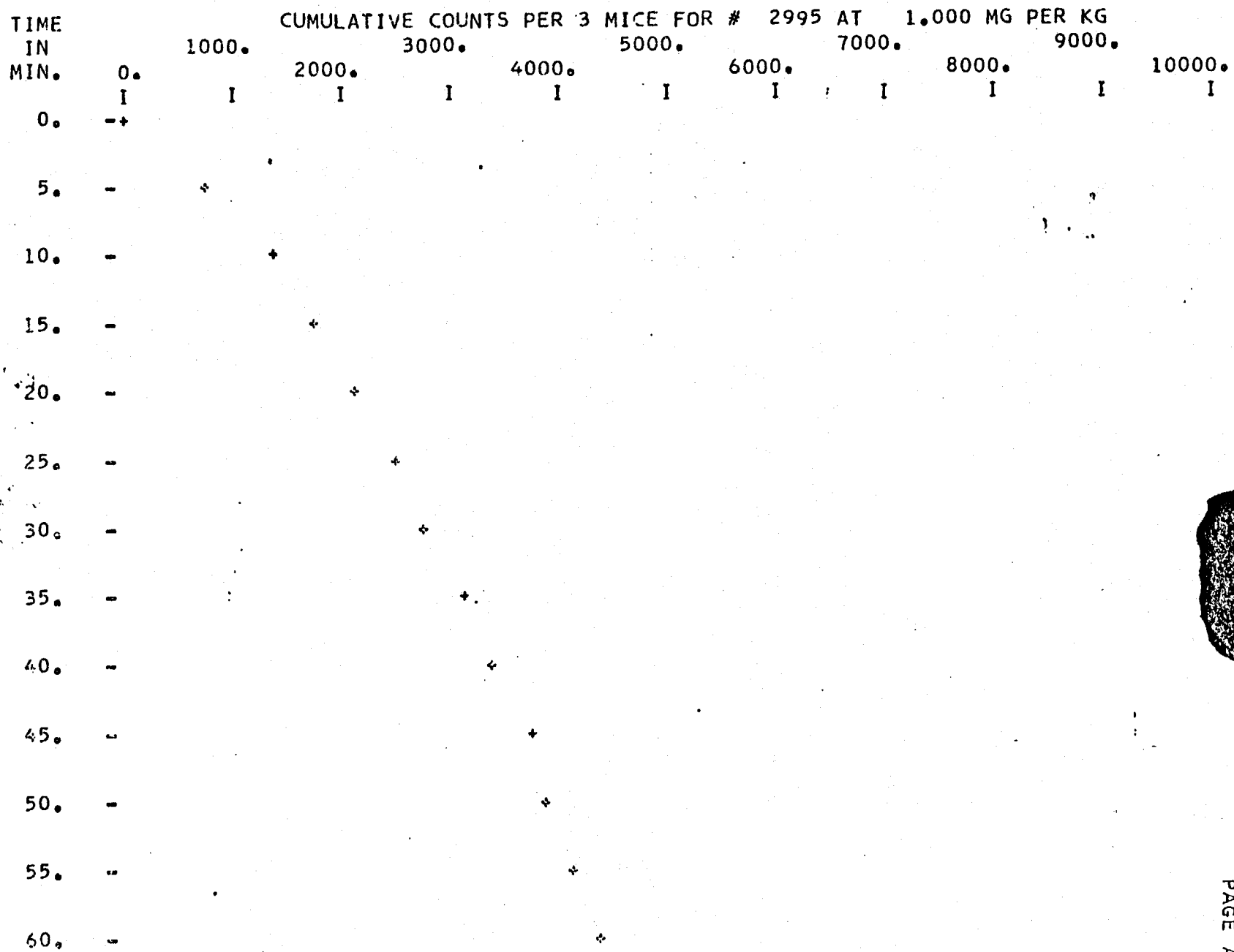


TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2994 AT 100,000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-		+								
30.	-		+								
35.	-			+							
40.	-			+							
45.	-				+						
50.	-					+					
55.	-						+				
60.	-							+			

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2994 AT 1.000 MG PER KG												
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.		
0.	-												
5.	-	+											
10.	-		+										
15.	-			+									
20.	-				+								
25.	-					+							
30.	-						+						
35.	-							+					
40.	-								+				
45.	-									+			
50.	-										+		
55.	-											+	
60.	-												+



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2995 AT 20.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-+										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2999 AT 0.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-+	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2999 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-+	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-		+								
30.	-			+							
35.	-			+							
40.	-				+						
45.	-				+						
50.	-					+					
55.	-						+				
60.	-							+			

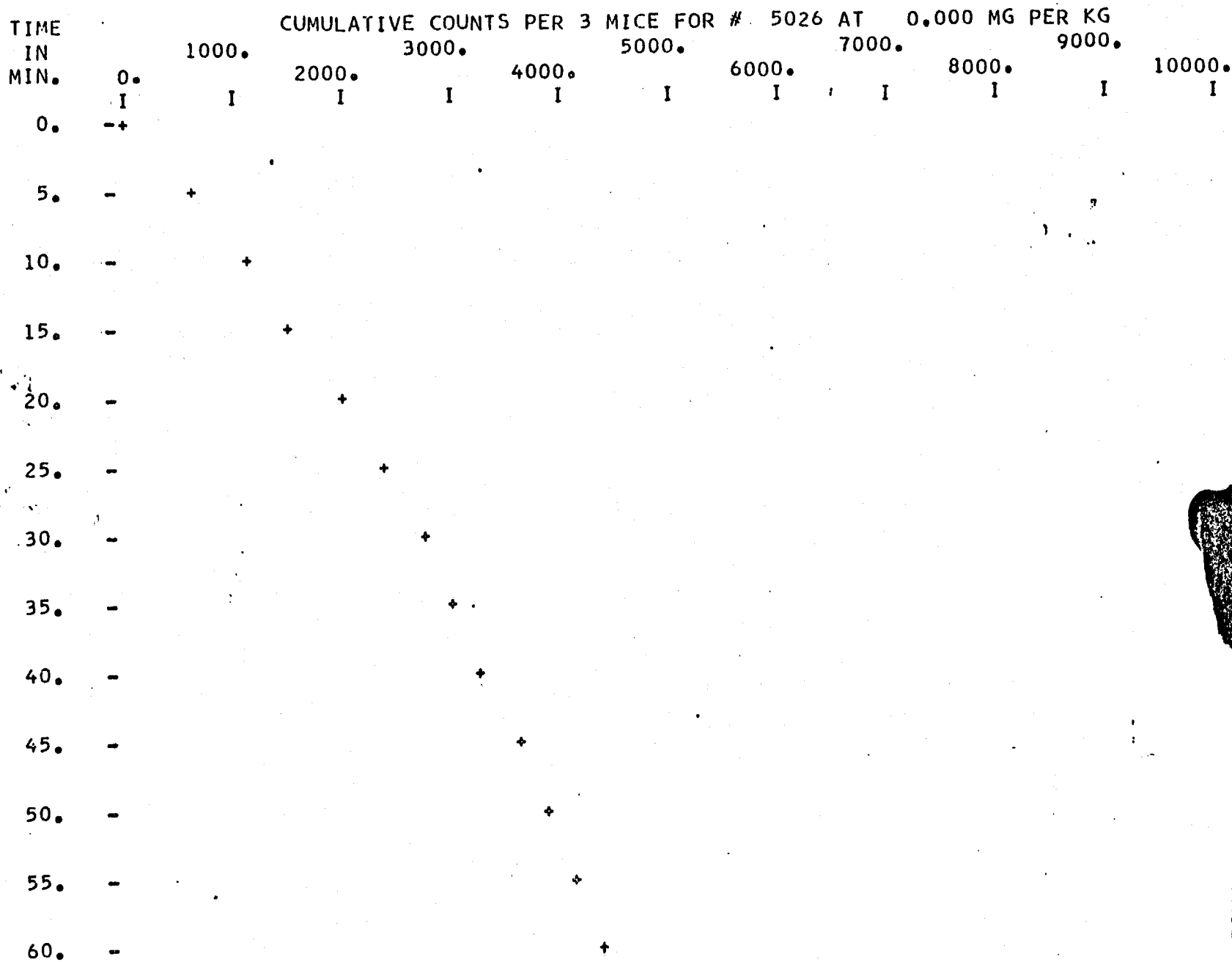
TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 2999 AT 10.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

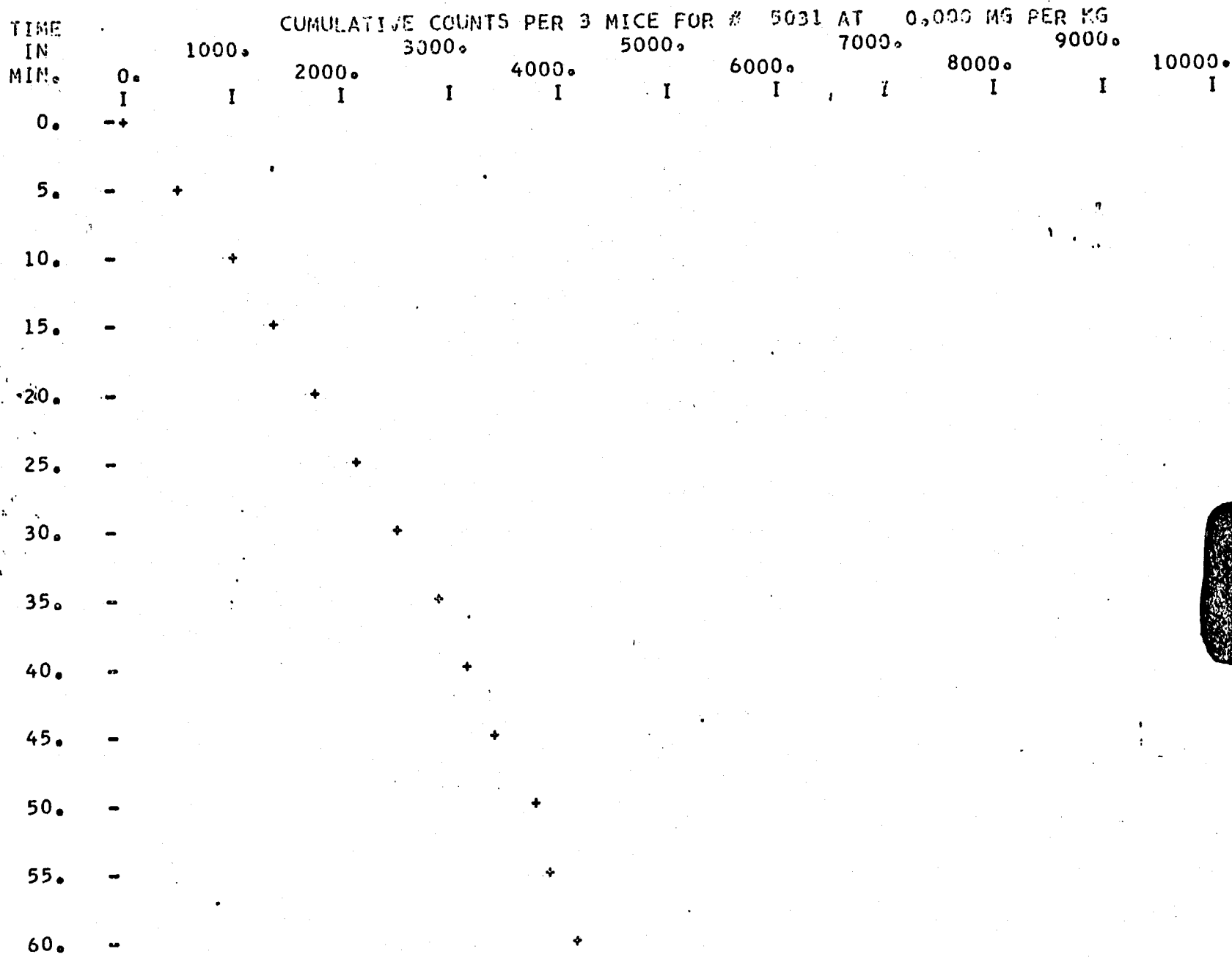
TIME
IN
MIN.

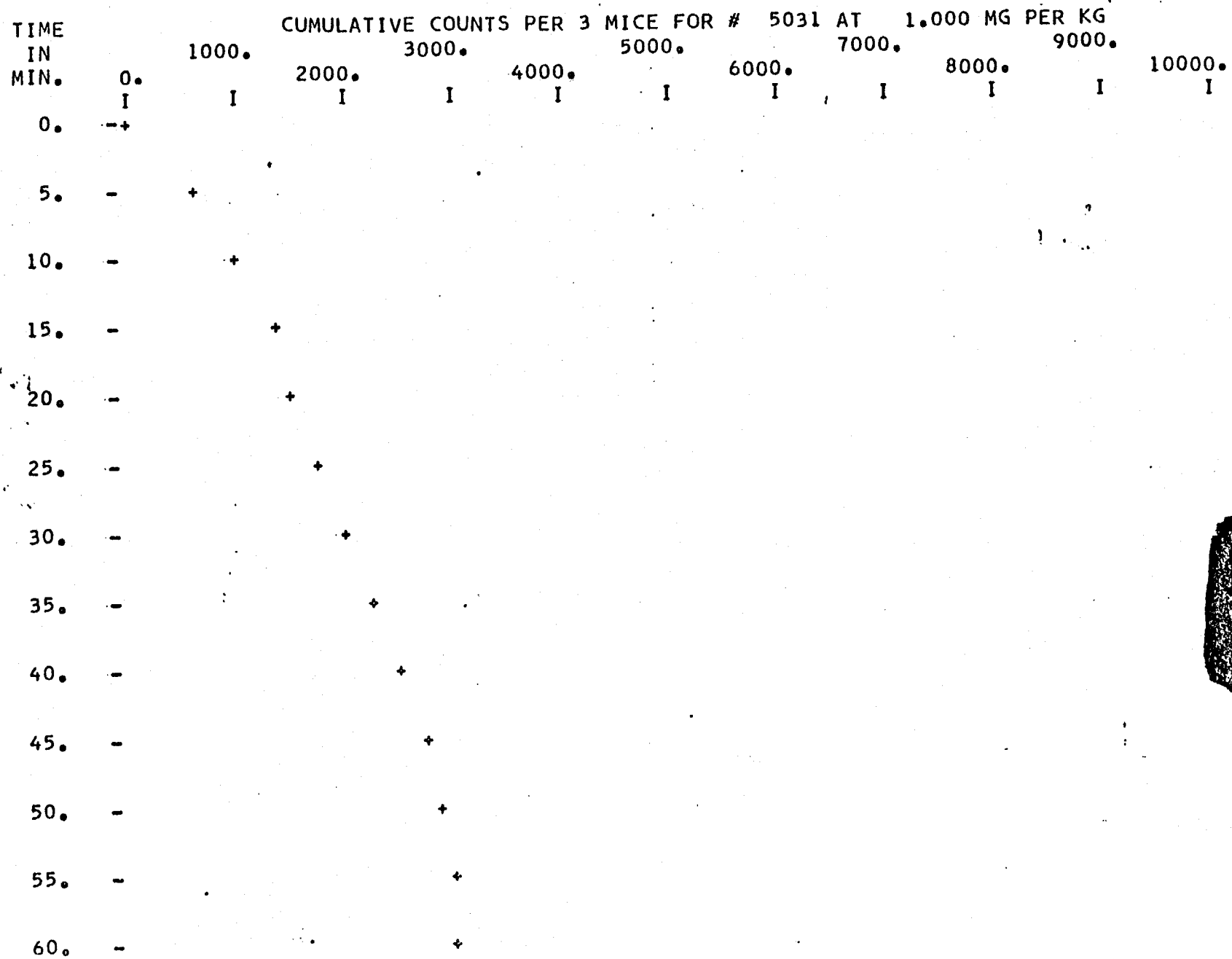
CUMULATIVE COUNTS PER 3 MICE FOR # 5026 AT 20,000 MG PER KG

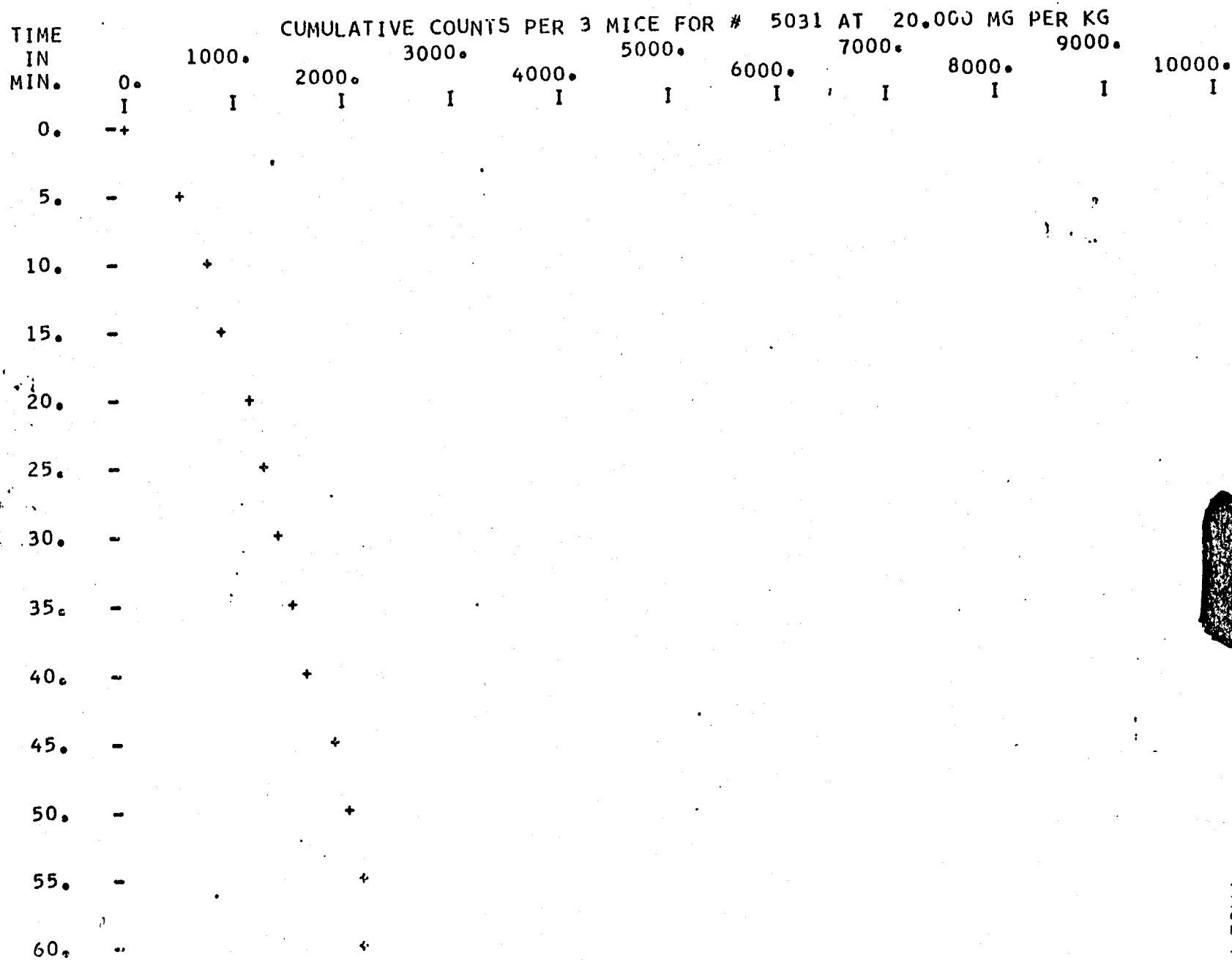
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
	I	I	I	I	I	I	I	I	I	I	I
0.	-+										
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-			+							
30.	-			+							
35.	-				+						
40.	-				+						
45.	-					+					
50.	-						+				
55.	-							+			
60.	-										+

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5026 AT .320 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-	+									
25.	-		+								
30.	-		+								
35.	-			+							
40.	-			+							
45.	-				+						
50.	-				+						
55.	-					+					









CUMULATIVE COUNTS PER 3 MICE FOR # 5031 AT 100.000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-+	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5058 AT .010 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-	+									
25.	-		+								
30.	-		+								
35.	-		+								
40.	-		+								
45.	-			+							
50.	-			+							
55.	-			+							
60.	-				+						

CUMULATIVE COUNTS PER 3 MICE FOR # 5058 AT 0.000 MG PER KG.

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-		+								
30.	-			+							
35.	-				+						
40.	-					+					
45.	-						+				
50.	-							+			
55.	-								+		

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5058 AT 25.100 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

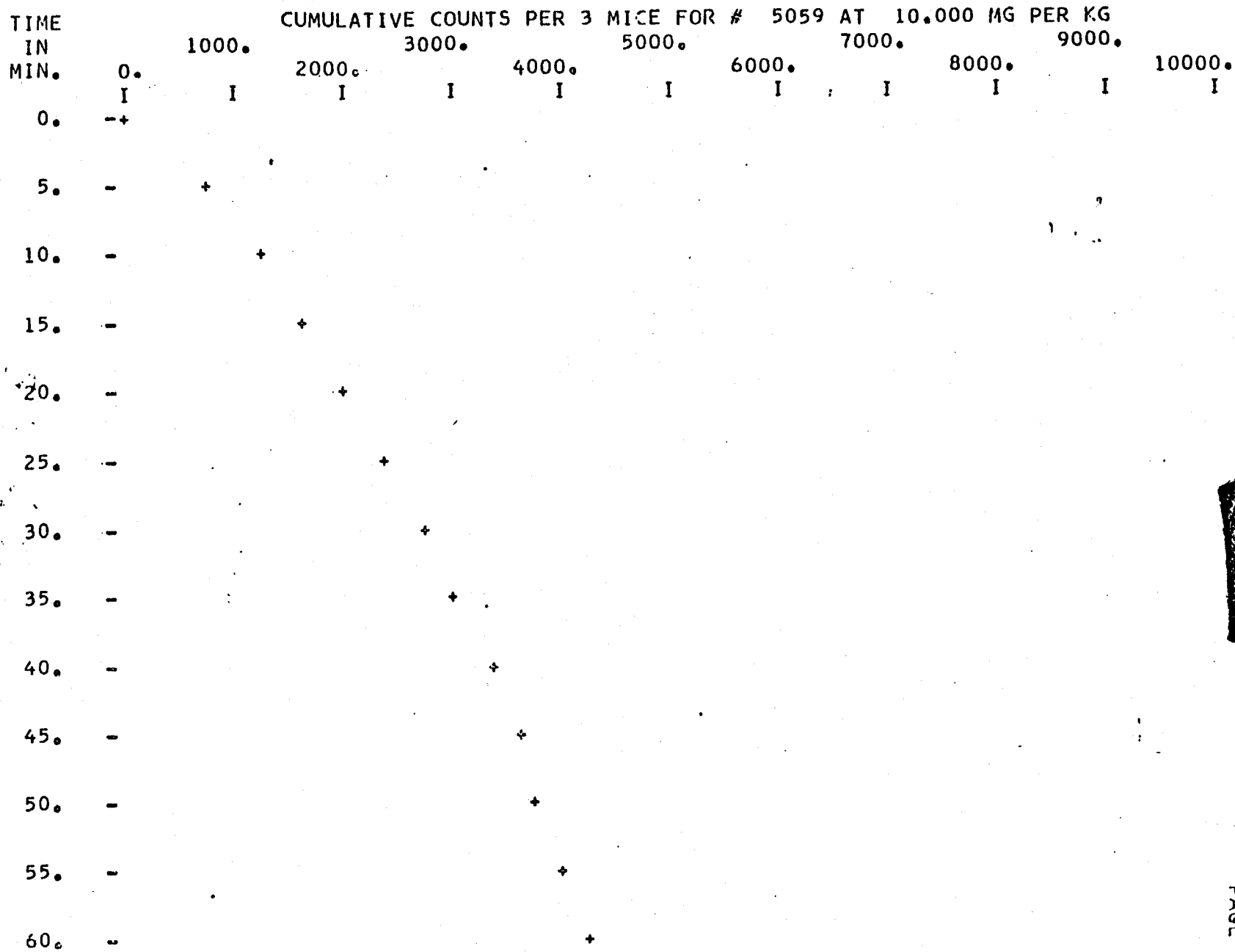
CUMULATIVE COUNTS PER 3 MICE FOR # 5058 AT 10.000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-+	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-			+							
30.	-				+						
35.	-					+					
40.	-						+				
45.	-							+			
50.	-								+		
55.	-									+	

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5058 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-			+							
30.	-				+						
35.	-					+					
40.	-						+				
45.	-							+			
50.	-								+		
55.	-									+	
60.	-										+



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5059 AT 100,000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5059 AT 1,000 MG PER KG											
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.	
0.	-+	I	I	I	I	I	I	I	I	I	I	
5.	-	+										
10.	-	+										
15.	-		+									
20.	-			+								
25.	-				+							
30.	-					+						
35.	-						+					
40.	-							+				
45.	-								+			
50.	-									+		
55.	-										+	
60.	-											+

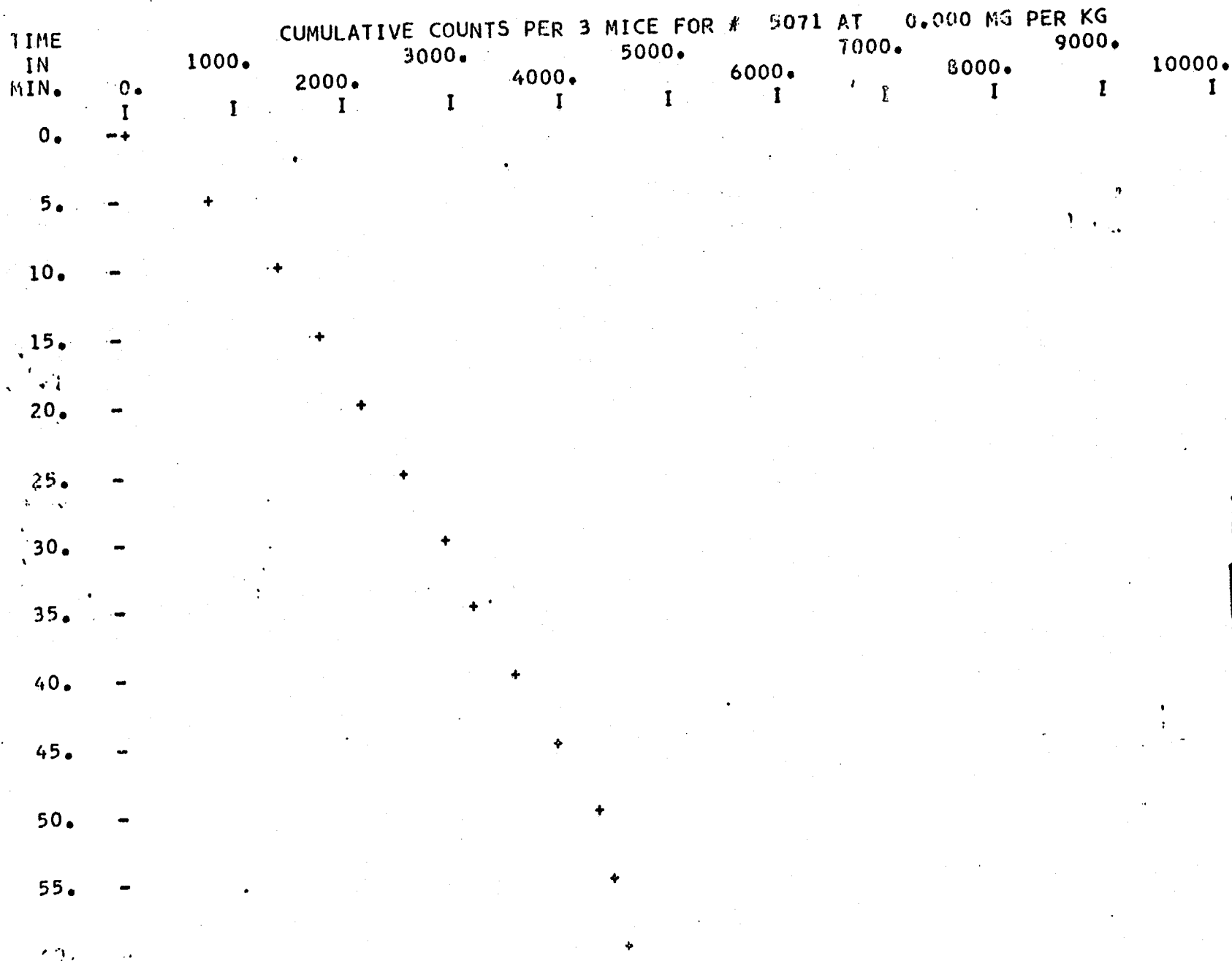
TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5059 AT 0.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-			+							
30.	-				+						
35.	-					+					
40.	-						+				
45.	-							+			
50.	-								+		
55.	-									+	
60.	-										+

CUMULATIVE COUNTS PER 3 MICE FOR # 5071 AT 10.000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-			+							
25.	-				+						
30.	-					+					
35.	-						+				
40.	-							+			
45.	-								+		
50.	-									+	
55.	-										+
60.	-										



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5071 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-+	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-		+								
30.	-		+								
35.	-		+								
40.	-			+							
45.	-			+							
50.	-			+							
55.	-			+							
60.	-			+							

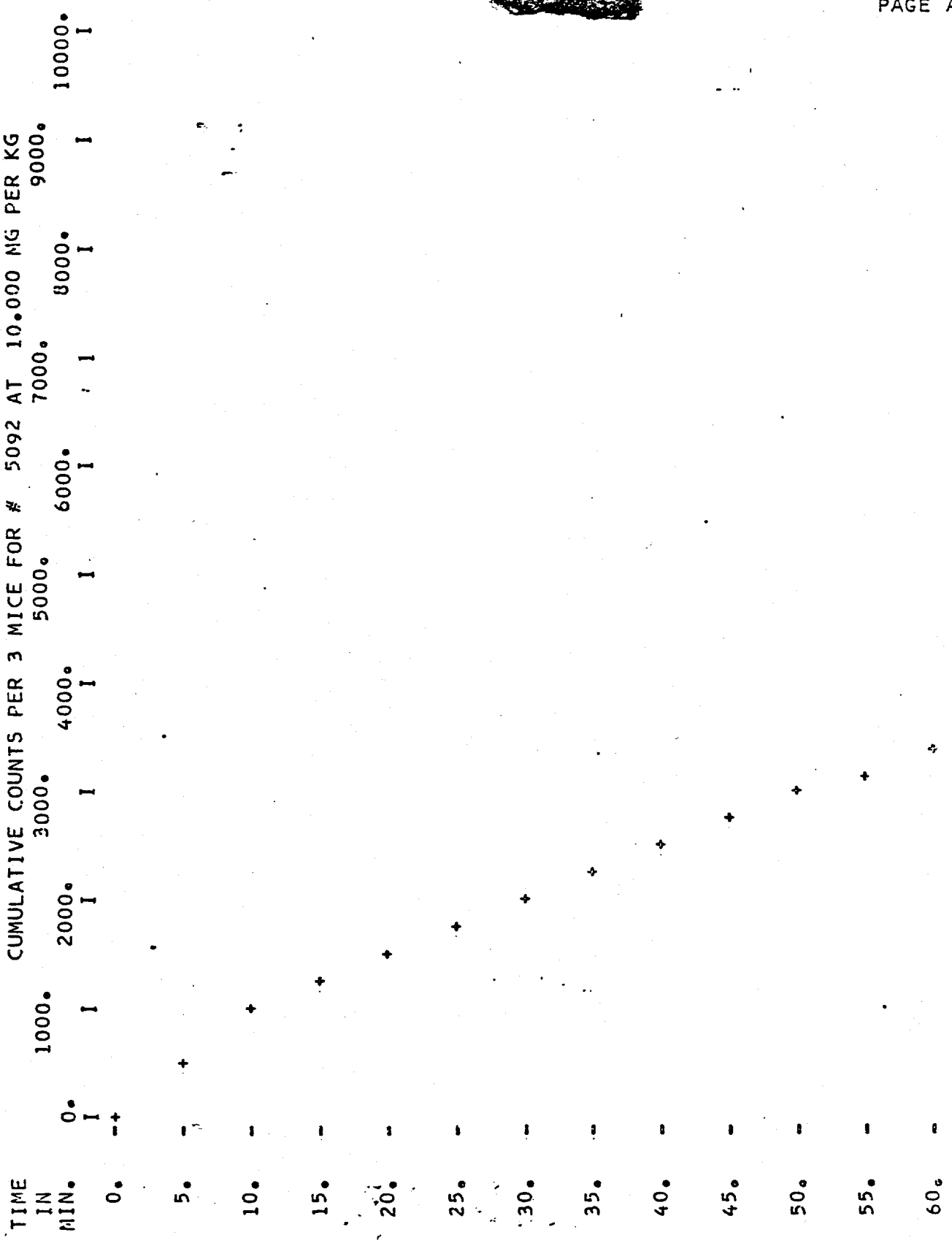


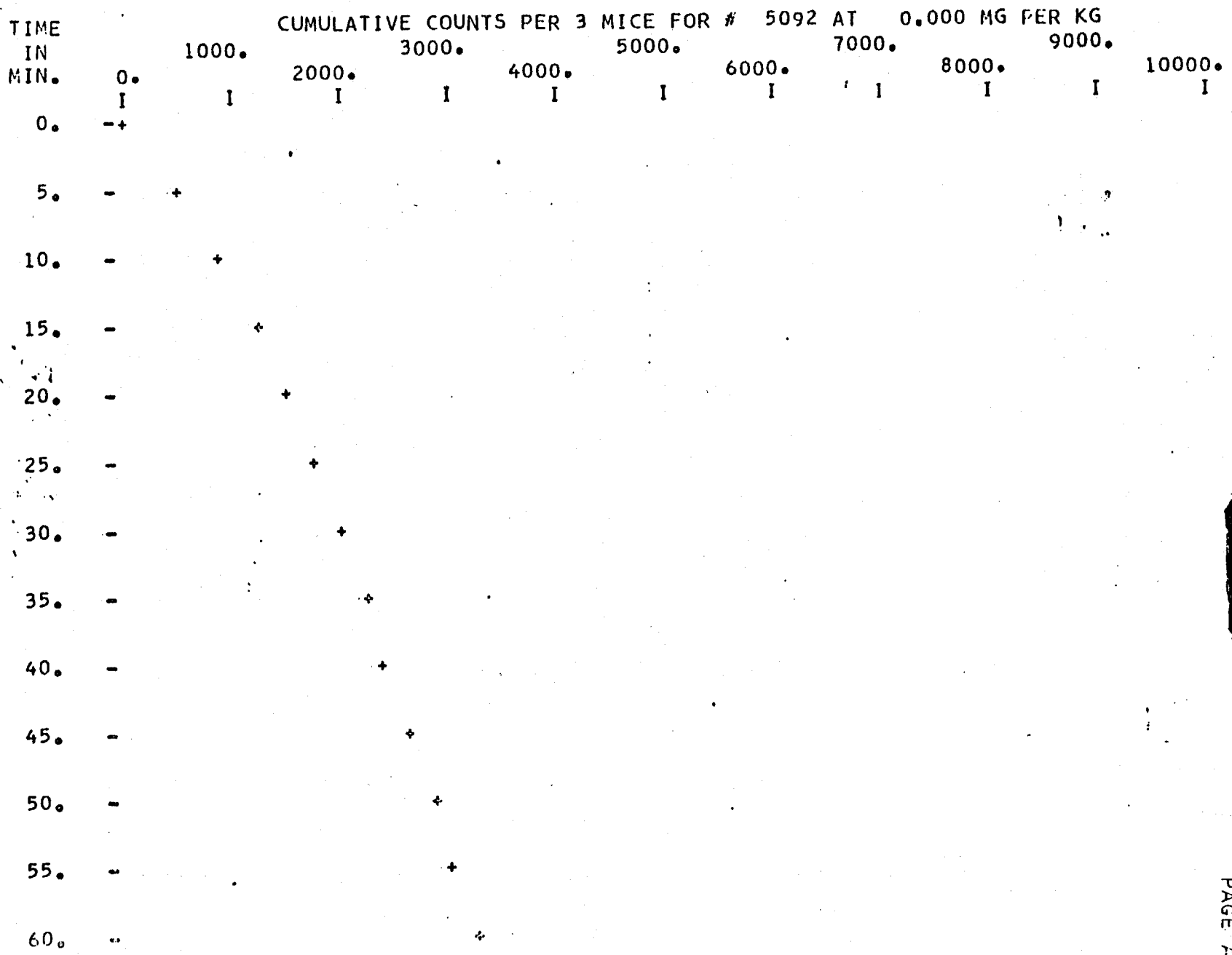
TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5071 AT 32.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5092 AT 250,000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-+	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

CUMULATIVE COUNTS PER 3 MICE FOR # 5092 AT 10,000 NG PER KG





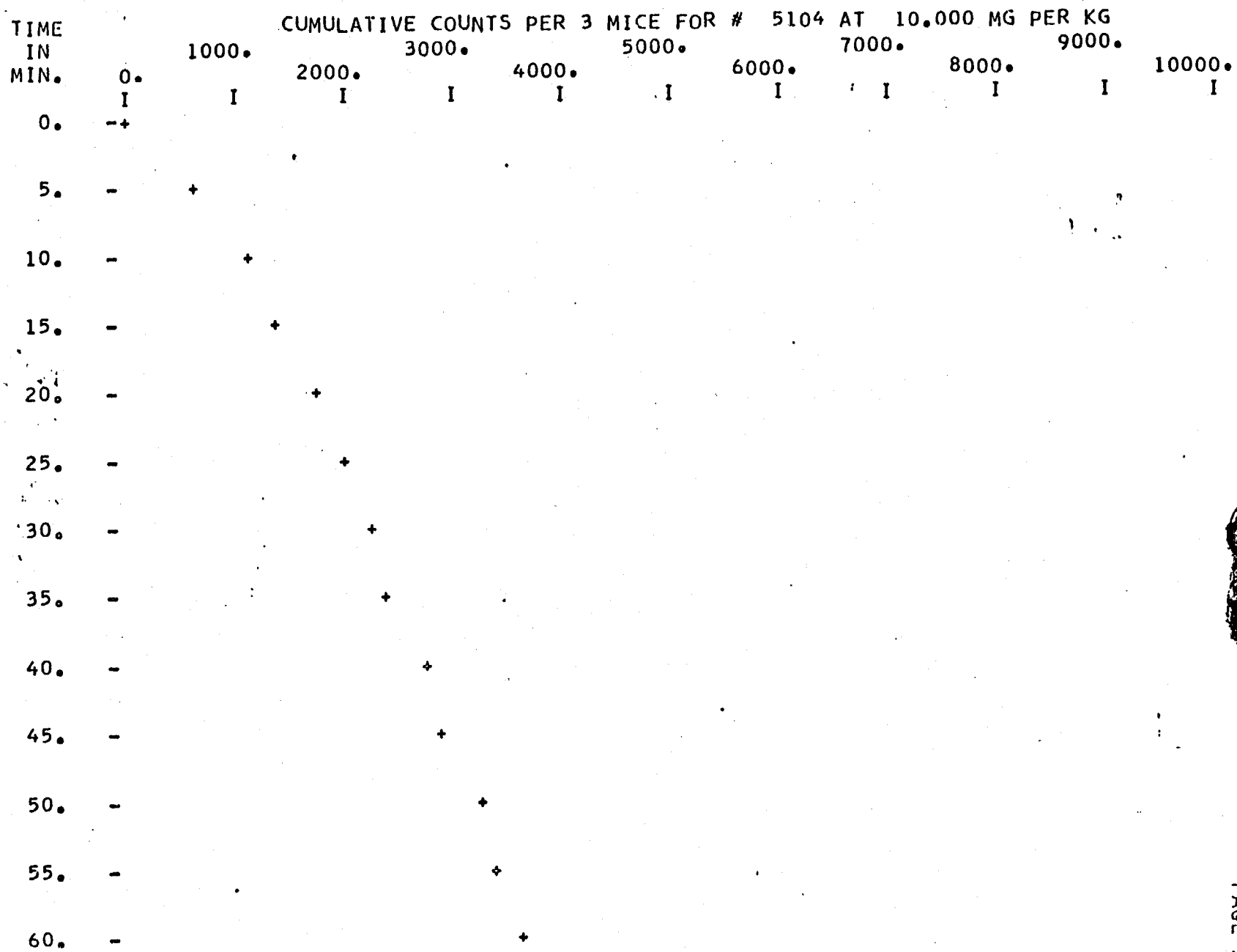
CUMULATIVE COUNTS PER 3 MICE FOR # 5104 AT 63.100 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-+	I	I	I	I	I	I	I	I	I	I
5.	-+										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5104 AT 0.000 MG PER KG												
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.		
0.	-												
5.	-	+											
10.	-		+										
15.	-			+									
20.	-				+								
25.	-					+							
30.	-						+						
35.	-							+					
40.	-								+				
45.	-									+			
50.	-										+		
55.	-											+	
60.	-												+

CUMULATIVE COUNTS PER 3 MICE FOR # 5104 AT 1.000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.		
0.	-												
5.	-	+											
10.	-		+										
15.	-			+									
20.	-				+								
25.	-					+							
30.	-						+						
35.	-							+					
40.	-								+				
45.	-									+			
50.	-										+		
55.	-											+	
60.	-												+



TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR # 5143 AT 32,000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I -+	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.											

CUMULATIVE COUNTS PER 3 MICE FOR # 5143 AT 10.000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
	I	I	I	I	I	I	I	I	I	I	I
0.	--+										
5.	-	+									
10.	-	+									
15.	-	+									
20.	-	+									
25.	-	+									
30.	-	+									
35.	-	+									
40.	-	+									
45.	-	+									
50.	-	+									
55.	-	+									
60.	-	+									

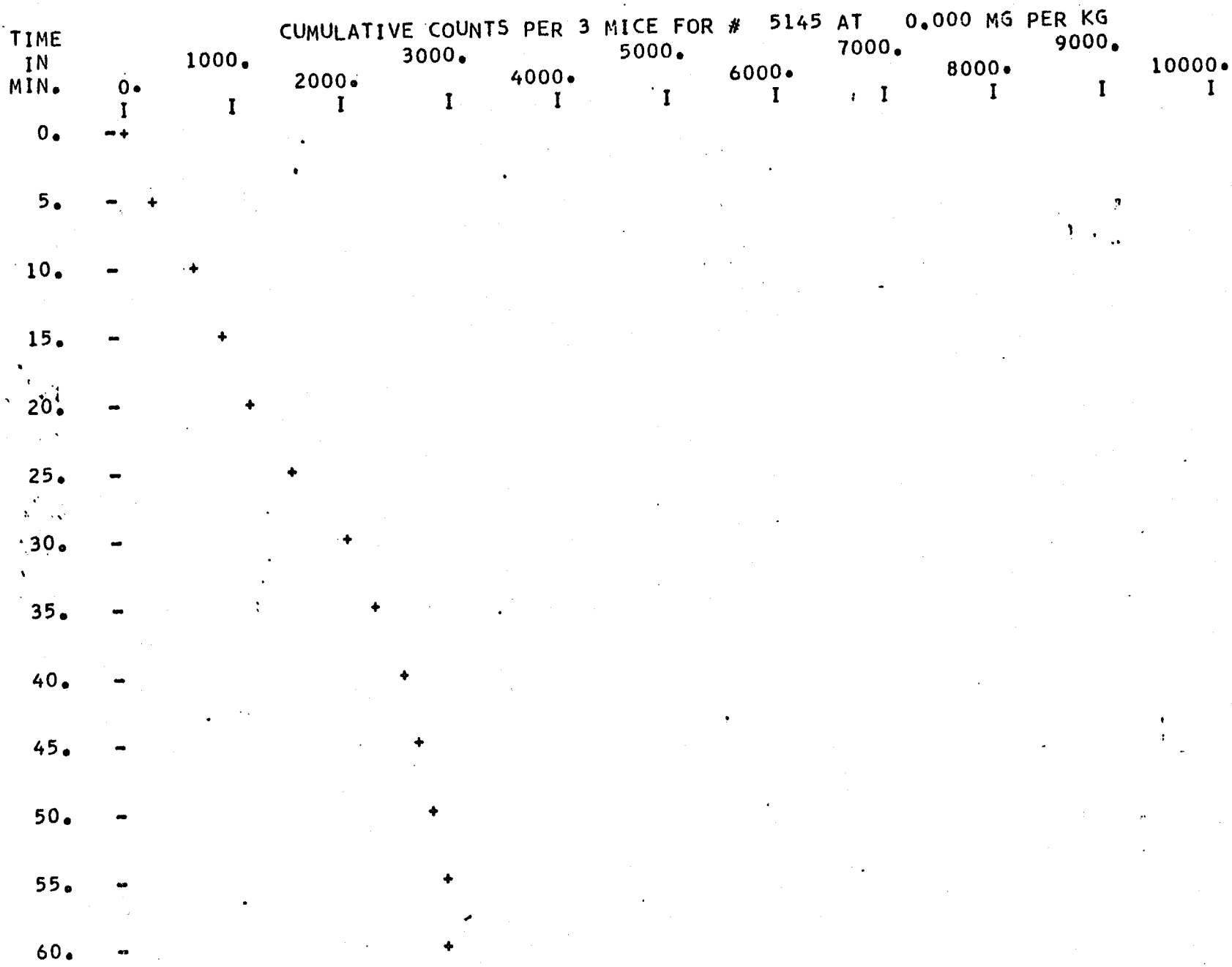
CUMULATIVE COUNTS PER 3 MICE FOR # 5143 AT 1.000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-		+								
30.	-			+							
35.	-			+							
40.	-				+						
45.	-				+						
50.	-				+						
55.	-					+					
60.	-						+				

TIME
IN
MIN.

CUMULATIVE COUNTS PER 3 MICE FOR # 5143 AT 0.000 MG PER KG

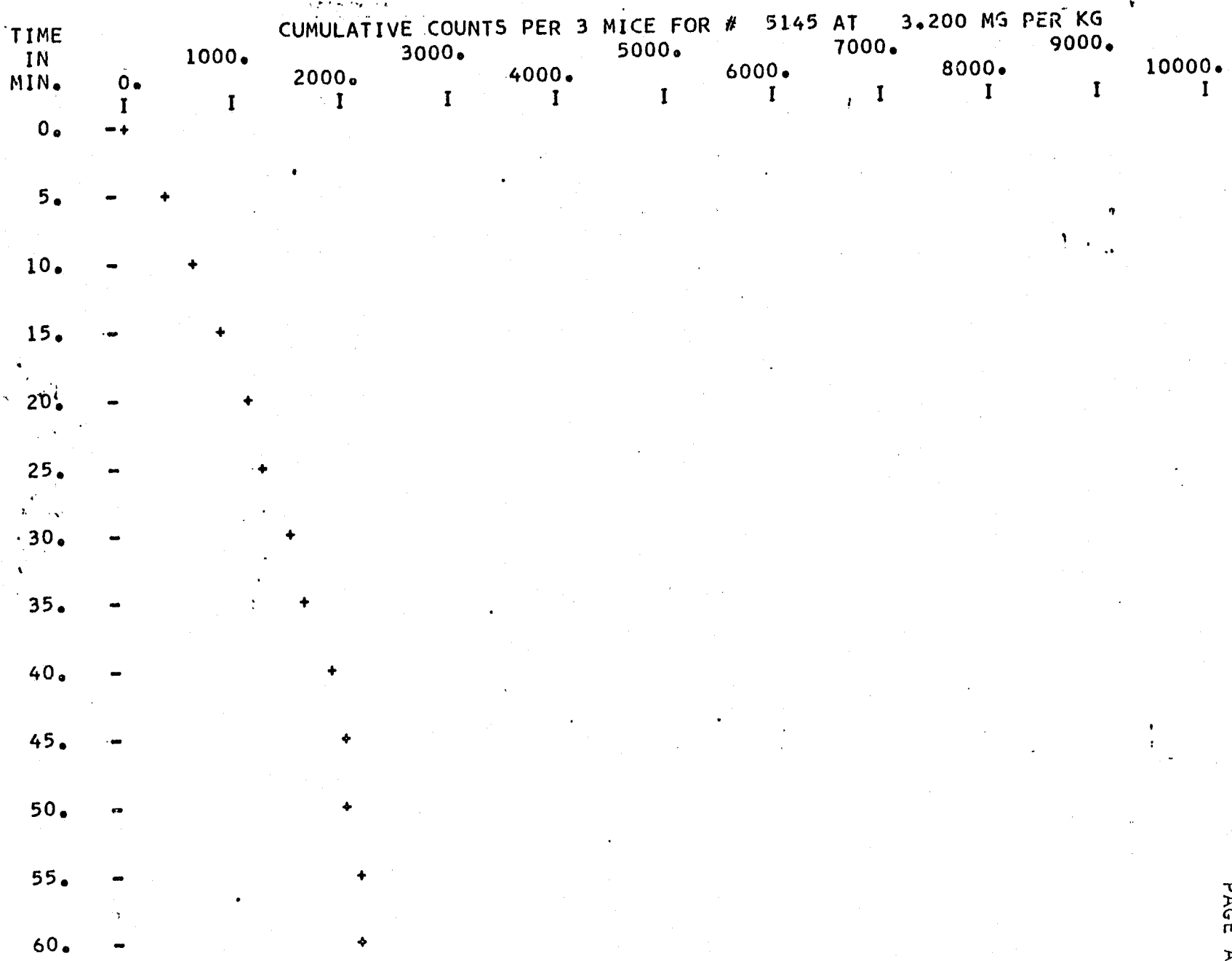
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
	I	I	I	I	I	I	I	I	I	I	I
0.	--										
5.	-	+									
10.	-	+									
15.	-	+									
20.	-		+								
25.	-		+								
30.	-		+								
35.	-		+								
40.	-			+							
45.	-			+							
50.	-			+							
55.	-			+							
60.	-			+							



TIME
IN
MIN.

CUMULATIVE COUNTS PER 3 MICE FOR # 5145 AT .320 MG PER KG

	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	-										
5.	-	+									
10.	-	+									
15.	-	+									
20.	-	+									
25.	-		+								
30.	-		+								
35.	-		+								
40.	-			+							
45.	-			+							
50.	-			+							
55.	-			+							
60.	-			+							



CUMULATIVE COUNTS PER 3 MICE FOR # 5145 AT 10,000 MG PER KG

TIME IN MIN.	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
	I	I	I	I	I	I	I	I	I	I	I
0.	-+										
5.	-+										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

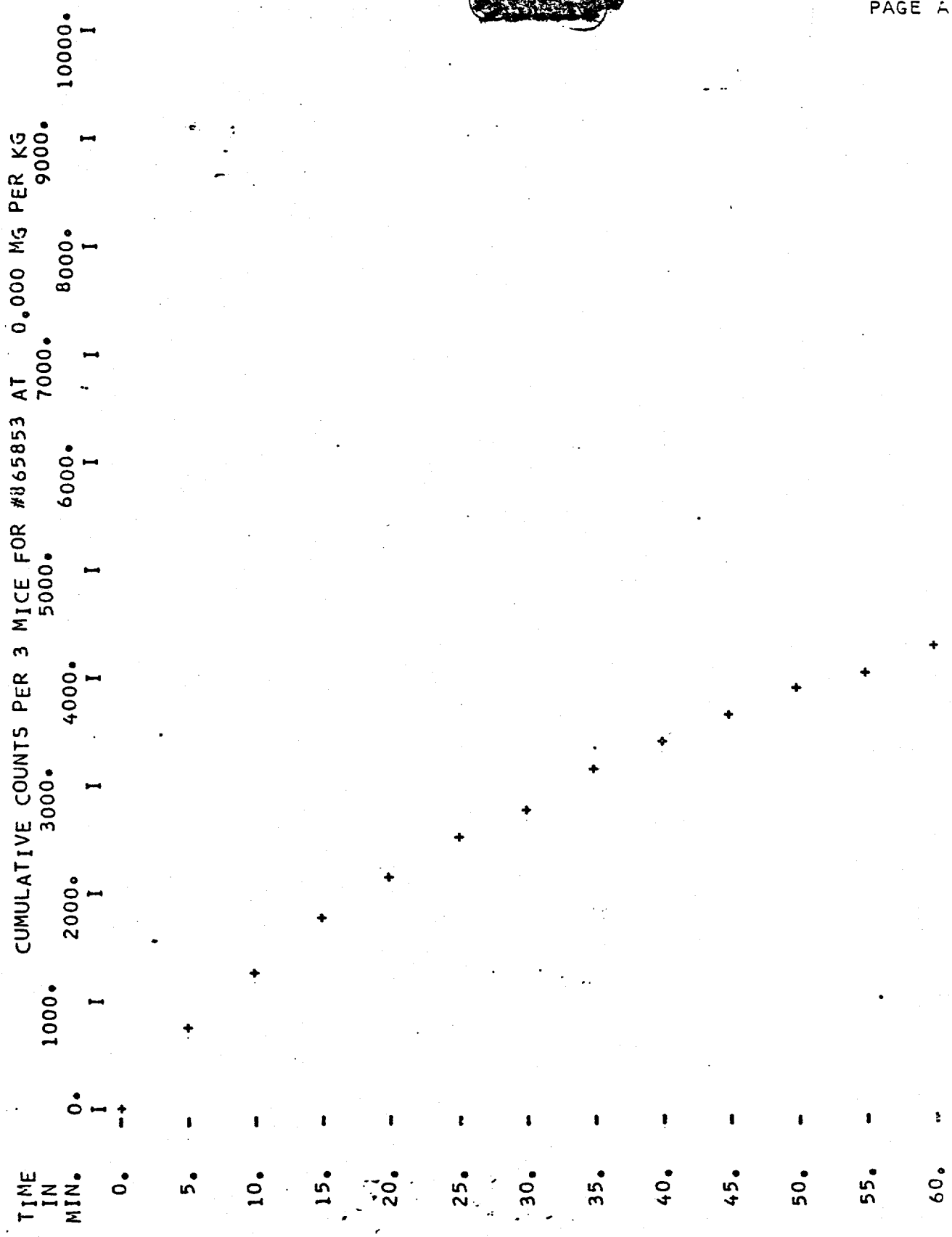
TIME
IN
MIN.

CUMULATIVE COUNTS PER 3 MICE FOR #865853 AT 10,000 MG PER KG

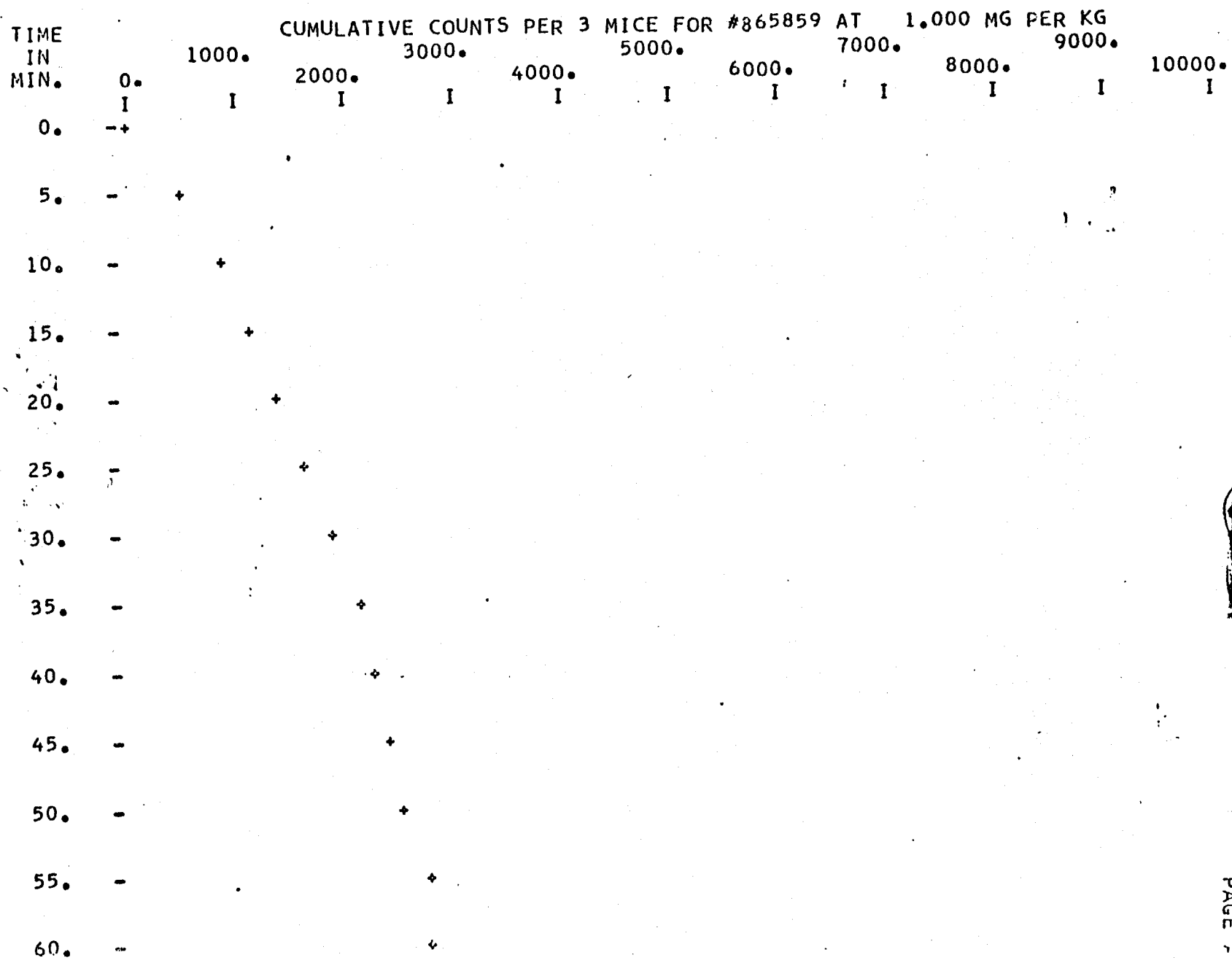
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-			+							
30.	-				+						
35.	-					+					
40.	-						+				
45.	-							+			
50.	-								+		
55.	-									+	
60.	-										+

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR #865853 AT 100.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

CUMULATIVE COUNTS PER 3 MICE FOR #865853 AT 0.000 MG PER KG

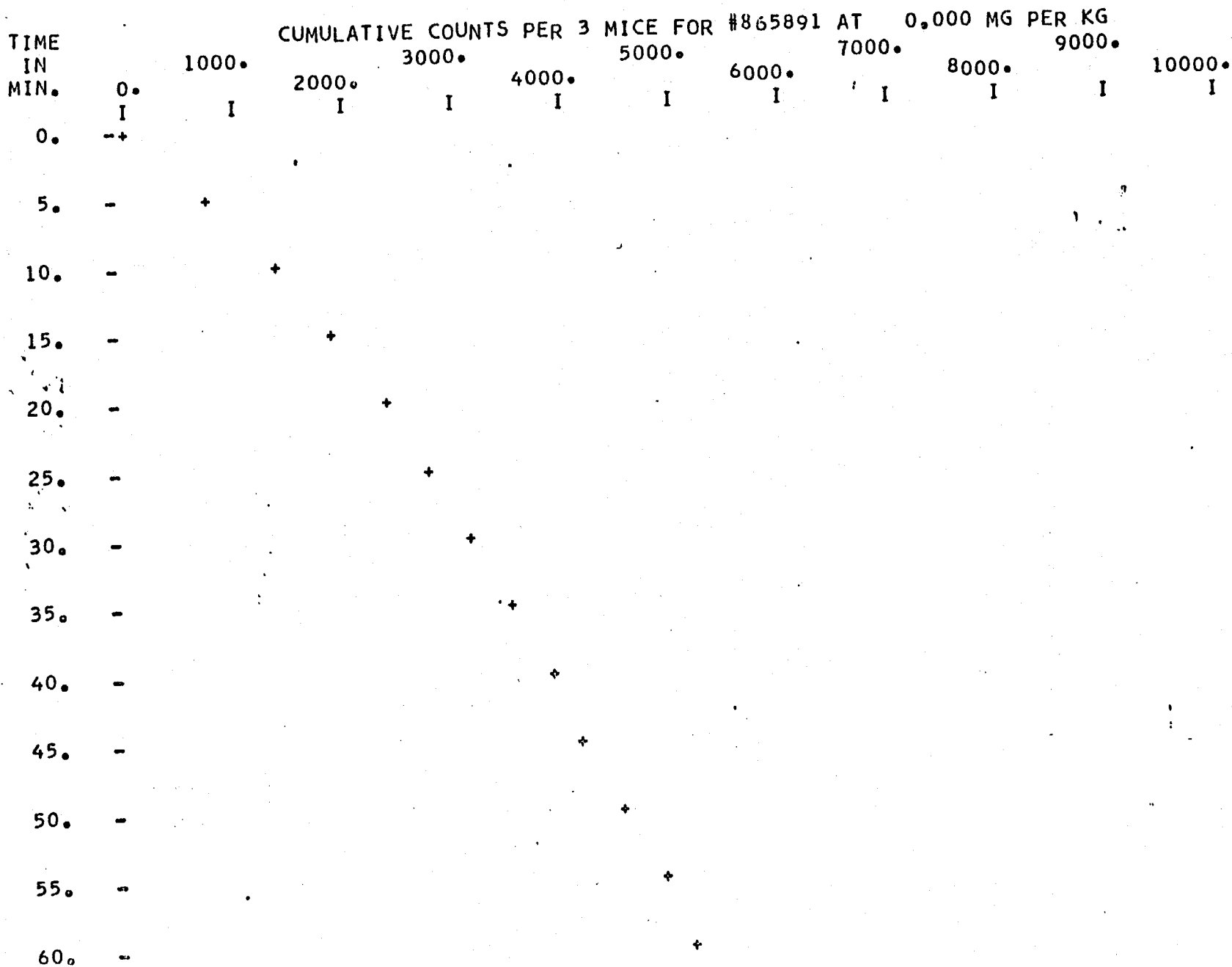


TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR #865859 AT 0.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-			+							
30.	-			+							
35.	-				+						
40.	-				+						
45.	-					+					
50.	-						+				
55.	-							+			
60.	-								+		



CUMULATIVE COUNTS PER 3 MICE FOR #5859 AT 10.000 MG PER KG

TIME IN MIN.	0.	5.	10.	15.	20.	25.	30.	35.	40.	45.	50.	55.	60.
	I	I	I	I	I	I	I	I	I	I	I	I	I
	+	+	+	+	+	+	+	+	+	+	+	+	+
	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.			



TIME
IN
MIN.

CUMULATIVE COUNTS PER 3 MICE FOR # 5145 AT 15.800 MG PER KG

	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I --+	I	I	I	I	I	I	I	I	I	I
5.	--+										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR #865891 AT 1.000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
0.	I	I	I	I	I	I	I	I	I	I	I
5.	-	+									
10.	-	+									
15.	-		+								
20.	-		+								
25.	-			+							
30.	-			+							
35.	-				+						
40.	-					+					
45.	-						+				
50.	-							+			
55.	-								+		
60.	-									+	

TIME IN MIN.	CUMULATIVE COUNTS PER 3 MICE FOR #865891 AT 32,000 MG PER KG										
	0.	1000.	2000.	3000.	4000.	5000.	6000.	7000.	8000.	9000.	10000.
	I	I	I	I	I	I	I	I	I	I	I
0.	- +										
5.	- +										
10.	- +										
15.	- +										
20.	- +										
25.	- +										
30.	- +										
35.	- +										
40.	- +										
45.	- +										
50.	- +										
55.	- +										
60.	- +										

MOTIVATION TESTS IN HOODED RATS
START AND RUN SPEEDS IN RECIPROCAL SECONDS

EXP NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
	0.00	AVOID	503	20.00	.18	2.22	1.64	.55	.57	1.82	2.44	1.61	2.50	.60	2.44	1.49
	0.00	AVOID	503	120.	.93	.82	2.38	.57	.62	1.96	2.56	.57	.61	1.61	.58	2.04
	0.00	AVOID	503	240.	.53	.61	2.78	.58	2.17	.62	2.04	1.96	2.27	.62	3.13	.61
2460	10.00	AVOID	503	20.00	.23	2.00	1.69	1.37	2.38	.58	2.08	.61	1.85	.59	1.82	.55
2460	10.00	AVOID	503	120.	.81	.49	1.96	.56	2.17	1.52	.58	.57	2.06	1.39	2.17	1.64
2460	10.00	AVOID	503	240.	.58	.25	.57	.54	.57	.52	1.92	.53	.57	1.79	1.79	1.35
2460	10.00	AVOID	503	1440.	.18	.13	.52	2.22	.53	1.56	1.59	1.41	.58	1.61	1.47	1.64
	0.00	ESCPE	507	20.00	3.57	1.30	4.55	1.37	4.76	.57	4.55	1.00	5.00	.54	4.00	.56
	0.00	ESCPE	507	120.	4.17	.55	3.13	.56	4.76	.92	4.00	.50	4.35	.57	5.00	.52
	0.00	ESCPE	507	240.	3.70	.56	3.85	.51	3.57	.97	3.45	.52	3.70	.53	3.70	.96
2460	10.00	ESCPE	507	20.00	3.57	.51	2.86	.56	4.17	.52	2.86	1.49	3.70	.54	3.85	.52
2460	10.00	ESCPE	507	120.	3.33	1.00	3.57	.97	3.70	.92	3.85	.53	3.45	.56	3.85	.52
2460	10.00	ESCPE	507	240.	2.70	.53	3.70	.92	4.00	1.00	4.35	.56	3.70	.53	4.35	.98
2460	10.00	ESCPE	507	1440.	3.33	.53	3.70	.85	3.70	.51	4.35	.83	3.70	.91	4.76	.93

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

EPND NO.	DOSE MG/KG	MOTIV NO.	RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
	0.00	AVOID	475	120.	3.13	.60	3.57	.57	3.23	.53	3.85	.56	3.57	1.37	3.57	1.43
2759	10.00	AVOID	475	20.00	2.94	.79	3.45	.51	3.03	.51	2.94	.50	3.45	.51	3.33	1.49
2759	10.00	AVOID	475	120.	.64	.93	2.38	.50	2.44	.99	2.86	.53	2.94	.55	2.27	.59
2759	10.00	AVOID	475	240.	3.13	.91	2.33	.95	2.50	.80	2.78	.52	3.03	.52	3.03	.57
2759	10.00	AVOID	475	1440.	2.08	.65	1.35	.60	2.27	1.33	1.85	1.69	2.70	1.25	2.63	1.22
	0.00	AVOID	501	20.00	3.45	.59	4.00	1.92	3.85	1.52	4.76	1.72	5.00	1.56	4.55	1.79
	0.00	AVOID	501	120.	2.04	1.75	4.00	.57	4.17	1.49	3.45	1.35	3.85	1.49	3.70	1.59
2759	10.00	AVOID	501	20.00	4.00	1.64	3.85	1.45	4.00	1.61	4.00	1.72	4.00	1.35	4.17	1.85
2759	10.00	AVOID	501	120.	3.85	1.89	4.00	1.54	3.57	1.59	4.55	1.56	4.55	1.49	4.17	.59
2759	10.00	AVOID	501	240.	4.17	.56	4.17	.58	4.35	.59	3.85	1.67	3.33	1.79	4.55	1.69
2759	10.00	AVOID	501	1440.	3.33	1.45	3.85	1.37	3.85	1.75	4.76	1.59	5.26	1.75	4.76	1.61
	0.00	ESCAPE	505	20.00	3.45	.56	4.00	.83	4.76	1.33	4.17	.55	4.17	.52	3.33	.56
	0.00	ESCAPE	505	120.	4.17	.55	3.70	1.49	4.00	.58	4.00	1.27	4.35	.53	3.85	.53
2759	10.00	ESCAPE	505	20.00	3.85	.53	4.55	.57	4.17	.57	3.45	.56	4.35	.54	4.00	.52

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

PND NO.	DOSE MG/KG	MOTIV APRCH	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN	
	0.00	APRCH	452	20.00	1.69	.28	.04	.45	.03	-	2.63	.37	1.82	.36	.58	.37	
	0.00	APRCH	452	120.	.03	-	.29	.49	.61	.36	1.52	.37	.60	.54	.56	.36	
	0.00	APRCH	452	240.	.29	.29	.59	.63	1.54	.66	1.96	.38	.57	.70	1.59	.38	
	2759	10.00	APRCH	452	20.00	.38	.08	.05	.25	.95	.19	.34	.28	.79	.21	.12	.18
	2759	10.00	APRCH	452	120.	.40	.31	.03	-	.79	.44	.52	.35	.51	.06	.25	.20
	2759	10.00	APRCH	452	240.	.06	.03	.21	.29	.28	.37	.53	.21	.16	.25	.04	.30
	2759	10.00	APRCH	452	1440.	.45	.10	.67	.46	2.04	.53	.16	.56	1.85	.57	1.85	.65
	0.00	APRCH	492	20.00	2.33	.47	1.89	.66	.13	.44	.05	3.33	.56	.65	.22	.96	
	0.00	APRCH	492	120.	.25	.76	1.96	.37	3.13	.65	.37	.16	.09	.03	.66	.05	
	0.00	APRCH	492	240.	1.64	3.33	.32	.15	2.00	.32	.20	.35	.39	.34	.52	.36	
	2759	10.00	APRCH	492	20.00	.56	.48	.25	.49	.20	.38	.43	.35	.93	.28	.28	.37
	2759	10.00	APRCH	492	120.	2.03	.14	.22	.20	.56	.71	.07	.06	.07	.07	.07	.03
	2759	10.00	APRCH	492	240.	2.13	.44	.03	.03	.95	.09	.07	.03*	.03	.03	.03	.03
	2759	10.00	APRCH	492	1440.	2.22	.34	.85	.53	1.13	.68	1.49	.72	1.20	.73	.78	.72

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

PND NO.	DOSE MG/KG	MOTIV NO.	RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
2759	10.00	ESCPE	505	120.	3.85	.56	3.85	.59	4.17	.52	3.85	.56	4.17	.55	4.35	.54
2759	10.00	ESCPE	505	240.	4.17	.56	3.85	.52	4.55	.57	4.00	.58	4.17	1.54	2.17	.57
2759	10.00	ESCPE	505	1440.	2.86	1.30	5.26	1.41	4.35	1.47	5.56	1.64	1.59	2.22	4.76	1.49
	0.00	ESCPE	466	20.00	3.85	.95	4.55	.97	5.56	.94	5.00	.88	5.00	.55	4.76	.52
	0.00	ESCPE	466	120.	5.00	1.49	4.00	.95	4.00	.97	4.35	.58	5.00	.53	5.26	.93
2759	10.00	ESCPE	466	20.00	4.55	.53	4.00	.56	3.70	.93	3.57	1.00	4.00	.51	4.00	.84
2759	10.00	ESCPE	466	120.	4.55	.51	4.17	.98	2.94	.85	4.00	.86	4.17	.76	3.70	.53
2759	10.00	ESCPE	466	240.	4.17	.53	4.55	.52	4.55	.54	4.00	.57	4.76	.52	4.17	.85
2759	10.00	ESCPE	466	1440.	3.70	.87	5.00	1.12	4.00	.73	5.56	.86	4.35	.88	5.00	1.03
	0.00	APRCH	496	20.00	1.59	.28	.54	.63	1.52	.84	.10	.40	1.45	.97	2.33	.96
	0.00	APRCH	496	120.	1.85	.32	.54	1.00	2.00	.35	.63	.50	.61	.86	.63	.51
	0.00	APRCH	496	240.	.03	.03	.53	.34	.57	.99	.57	.97	.55	1.00	.58	.51
2460	10.00	APRCH	496	20.00	.03	.03	.56	.80	.56	.76	.58	.34	.58	.93	1.54	.10
2460	10.00	APRCH	496	120.	.59	.74	1.61	.77	1.82	.78	2.00	.83	1.79	.75	.79	.80
2460	10.00	APRCH	496	240.	.58	.48	.59	.84	.58	.76	1.75	.61	.54	.88	1.41	.88

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV No.	RAT No.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
2460	10.00	APRCH	496	1440.	1.49	3.33	.93	.67	.53	.92	.40	.95	.56	.91	.56	.91
	0.00	APRCH	488	20.00	1.64	3.33	.28	.28	2.50	.69	.56	.39	2.50	.48	.50	.14
	0.00	APRCH	488	120.	.03	.03	.05	.27	.61	.70	.34	.72	2.17	.27	2.00	.41
	0.00	APRCH	488	240.	.05	.16	.48	.80	2.27	.80	1.85	.74	2.22	.75	2.63	.98
2460	10.00	APRCH	488	20.00	.72	.06	1.89	.07	.37	.39	2.94	.75	2.50	.65	2.44	.38
2460	10.00	APRCH	488	120.	2.17	.03	2.08	.25	2.50	.68	2.94	.78	.19	.09	2.08	.65
2460	10.00	APRCH	488	240.	1.00	.10	2.94	.83	3.23	.83	2.86	.80	2.38	.80	.32	.21
2460	10.00	APRCH	488	1440.	1.54	.21	.56	.74	.17	.35	2.33	.77	2.33	.87	2.27	.80
	0.00	AVOID	502	20.00	.21	.55	1.89	.51	.88	.57	2.63	.53	1.64	.50	1.92	.91
	0.00	AVOID	502	120.	.45	.58	2.27	.58	.59	.56	1.75	.56	.61	.58	2.50	.59
	0.00	AVOID	502	240.	1.69	.55	1.92	.58	1.56	.54	.63	.58	2.08	.57	.63	.54
2460	10.00	AVOID	502	20.00	.38	.54	.58	.52	.41	.52	.53	.52	.59	.83	.98	.67
2460	10.00	AVOID	502	120.	1.89	.69	.97	.56	1.92	.53	.91	.52	.57	.79	.92	.53
2460	10.00	AVOID	502	240.	.54	.52	.53	.55	1.79	1.27	1.33	1.30	.83	1.59	.50	1.39
2460	10.00	AVOID	502	1440.	.77	.81	1.72	.55	1.49	.56	1.35	.56	2.08	.88	1.67	.85

MOTIVATION TESTS IN HOODED RATS
START AND RUN SPEEDS IN RECIPROCAL SECONDS

PND NO.	DOSE MG/KG	MOTIV NO.	RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
	0.00	ESCPE	508	120.	3.70	.52	4.76	.55	5.26	.50	4.76	.51	4.76	.54	4.00	.83
	0.00	ESCPE	508	240.	4.55	.59	4.00	.55	4.00	.53	4.76	.51	3.33	.52	3.35	.98
2460	10.00	ESCPE	508	20.00	3.85	.52	4.00	.51	4.00	.87	4.76	.80	4.35	.85	4.17	.88
2460	10.00	ESCPE	508	120.	3.03	.51	4.00	.89	3.70	.83	5.00	.95	4.76	1.00	4.55	.50
2460	10.00	ESCPE	508	240.	4.35	.56	4.17	.53	4.35	.56	4.35	.53	4.76	.56	4.76	.51
2460	10.00	ESCPE	508	1440.	4.76	.53	4.00	.98	4.76	.93	4.55	.86	4.76	.81	4.76	.51
	0.00	APRCH	498	20.00	3.33	.53	3.85	.56	3.23	.55	3.23	.54	2.86	.52	2.33	.51
	0.00	APRCH	498	120.	3.03	.54	4.76	1.49	3.45	.56	2.86	.55	1.79	.59	3.33	.55
	0.00	APRCH	498	240.	2.50	.54	2.86	.53	4.17	.56	3.70	1.56	2.00	.54	4.76	1.43
2470	10.00	APRCH	498	20.00	4.00	.55	.04	.65	3.85	.56	1.41	.92	2.08	.51	1.06	.63
2470	10.00	APRCH	498	120.	3.57	.95	2.27	.87	.93	.90	.07	.28	2.38	.08	.03	.03
2470	10.00	APRCH	498	240.	.50	.95	.53	.92	2.56	.53	2.78	.51	2.63	.54	2.13	.90
2470	10.00	APRCH	498	1440.	3.57	.53	3.57	.56	2.94	.54	4.00	.55	3.85	.52	1.89	.53
	0.00	APRCH	499	20.00	3.57	.69	3.45	.72	2.44	.08	2.86	.72	2.94	.83	2.63	.71
	0.00	APRCH	499	120.	3.33	.37	2.63	.75	.55	.77	2.63	.75	2.08	.83	2.13	.71

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
	0.00	APRCH	499	240.	3.23	.70	2.04	.79	2.86	.85	1.32	.74	2.86	.74	3.57	.80
2470	10.00	APRCH	499	20.00	2.27	.37	3.70	.50	3.45	.67	.76	.61	2.22	.75	4.35	.75
2470	10.00	APRCH	499	120.	3.57	.69	2.94	.72	3.23	.72	2.44	.73	2.56	.83	.97	.98
2470	10.00	APRCH	499	240.	2.78	.14	2.86	.64	2.33	.66	1.82	.78	2.63	.73	3.45	.36
2470	10.00	APRCH	499	1440.	1.72	.45	2.78	.67	2.22	.68	2.63	.69	2.86	.68	3.57	.74
	0.00	AVOID	504	20.00	2.63	1.64	2.78	1.96	2.86	1.75	2.94	1.69	3.13	1.79	2.50	1.64
	0.00	AVOID	504	120.	2.94	.57	2.50	1.59	2.13	1.79	1.69	2.00	2.44	1.82	2.94	1.96
	0.00	AVOID	504	240.	2.63	1.56	2.63	1.56	2.22	1.75	1.85	2.04	2.22	1.93	2.22	1.79
2470	10.00	AVOID	504	20.00	4.35	1.61	2.63	1.54	2.50	2.08	2.86	1.82	2.86	1.96	3.45	1.82
2470	10.00	AVOID	504	120.	2.63	1.49	2.33	1.56	3.03	1.72	2.27	1.67	2.56	1.75	2.70	1.96
2470	10.00	AVOID	504	240.	2.70	1.47	2.33	1.82	2.56	1.79	3.85	1.72	2.08	1.64	3.33	1.89
2470	10.00	AVOID	504	0.00	4.76	1.00	3.85	1.59	3.70	1.61	2.50	1.59	3.23	1.59	2.94	1.92
	0.00	AVOID	480	20.00	.51	.38	.54	.90	2.56	.79	2.22	.88	2.44	.50	2.08	.51
	0.00	AVOID	480	120.	.53	.38	1.43	.75	1.49	.77	1.61	.65	1.85	.53	2.22	.95
	0.00	AVOID	480	240.	1.37	.84	2.22	.70	1.85	2.08	2.00	.75	1.61	.53	2.04	.52

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV No.	RAT No.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
2470	10.00	AVOID	480	20.00	2.44	.72	2.63	.54	2.78	.97	2.50	.51	2.86	.54	1.92	.52
2470	10.00	AVOID	480	120.	.53	.38	2.17	.67	1.56	.96	1.96	.79	2.86	.86	2.33	.85
2470	10.00	AVOID	480	240.	1.64	.85	.52	.74	1.82	.39	1.59	.66	1.69	.97	1.92	.93
2470	10.00	AVOID	480	1440.	.54	.35	.51	.34	1.41	.61	.71	.50	1.61	.91	1.79	.96
	0.00	ESCPE	509	20.00	3.57	.53	5.00	1.47	4.17	.55	3.85	.51	4.55	.53	4.55	.58
	0.00	ESCPE	509	120.	4.00	.57	3.85	1.35	3.57	.54	3.85	1.32	4.55	.56	5.00	.56
	0.00	ESCPE	509	240.	2.38	.54	4.17	.56	5.26	.52	2.86	1.52	4.35	1.28	3.23	1.41
2470	10.00	ESCPE	509	20.00	4.17	1.23	5.00	1.25	4.00	1.33	5.56	1.41	4.00	.54	4.00	1.59
2470	10.00	ESCPE	509	120.	4.76	1.43	5.00	.54	3.85	1.37	5.00	1.33	4.76	1.22	5.26	1.27
2470	10.00	ESCPE	509	240.	2.94	.57	4.76	.54	2.22	.57	4.76	.58	4.00	.57	4.55	.57
2470	10.00	ESCPE	509	1440.	4.00	.51	4.55	.58	4.35	1.23	4.55	1.32	2.27	1.43	4.55	.53
	0.00	ESCPE	487	20.00	5.00	.51	3.57	.98	4.35	.95	4.55	.53	4.76	.52	4.00	.98
	0.00	ESCPE	487	120.	3.45	.86	4.17	.54	4.00	1.00	4.35	.87	4.55	.95	4.76	.53
	0.00	ESCPE	487	240.	3.45	.54	4.55	.52	3.85	.54	4.00	.51	3.70	.87	4.17	.55

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

PND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
2470	10.00	ESCPE	487	120.	3.85	.51	4.17	.92	4.00	.91	4.17	.79	4.76	.51	4.55	.96
2470	10.00	ESCPE	487	240.	5.00	.53	4.17	.51	4.76	.51	3.85	.95	3.57	.51	4.55	.53
2470	10.00	ESCPE	487	1440.	4.17	.92	4.35	.95	4.35	.76	4.17	.95	4.00	.87	1.35	1.33
	0.00	APRCH	496	20.00	.16	.40	1.96	1.00	1.67	.12	1.85	.92	1.82	.95	1.82	.90
	0.00	APRCH	496	120.	1.47	.09	1.79	.79	1.96	.91	2.04	.87	2.27	.98	2.00	.50
	0.00	APRCH	496	240.	2.22	.10	1.85	.52	2.33	.52	2.04	.52	1.82	.95	2.08	.52
2607	10.00	APRCH	496	20.00	.26	3.33	1.92	.09	.60	.90	1.72	.69	.84	.19	.97	.38
2607	10.00	APRCH	496	120.	.54	.05	1.64	.74	.10	.46	.04	.45	1.64	.48	1.89	.59
2607	10.00	APRCH	496	240.	2.08	.35	2.13	.64	1.69	.65	1.56	.07	2.04	.46	1.75	.06
	0.00	APRCH	488	20.00	.98	.07	.21	.36	1.43	.36	1.82	.92	1.82	.74	1.22	.43
	0.00	APRCH	488	120.	2.00	.47	.38	.68	2.56	.78	1.75	.03	.03	.03	1.22	.03
	0.00	APRCH	488	240.	1.82	.25	.07	.04	1.72	.44	.50	.36	.03	.03	.03	.03
2607	10.00	APRCH	488	20.00	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
2607	10.00	APRCH	488	120.	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
2607	10.00	APRCH	488	240.	.22	.07	1.41	.44	2.27	.48	.44	.32	.03	.03	.03	.03

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
2607	0.00	APRCH 488	1440.	1.59	.03	.38	.38	.12	.47	2.33	.43	2.63	.64	2.00	.64
	0.00	AVOID 502	20.00	1.67	.93	2.33	.56	2.50	.53	1.82	1.32	2.17	.57	2.63	.55
	0.00	AVOID 502	120.	.90	.53	.54	1.00	2.08	1.39	2.27	.53	2.63	1.30	2.04	.51
	0.00	AVOID 502	240.	1.82	.57	2.56	1.67	2.17	.56	2.94	1.30	1.96	1.33	2.50	.56
2607	10.00	AVOID 502	20.00	.15	.04	1.82	1.41	1.96	.56	2.22	1.41	1.72	1.41	2.63	.56
2607	10.00	AVOID 502	120.	.33	.55	.51	.53	.56	.90	1.69	.90	2.63	.55	1.69	.52
2607	10.00	AVOID 502	240.	4.76	.71	1.64	.95	2.04	.51	1.72	1.00	2.50	.52	2.08	.88
2607	10.00	AVOID 502	1440.	.30	.51	1.59	.52	2.00	.52	.56	.53	2.08	.54	1.96	.91
	0.00	AVOID 503	20.00	.34	.55	1.96	.72	2.44	1.32	2.17	.54	3.23	.56	3.33	1.30
	0.00	AVOID 503	120.	1.89	.26	2.63	.53	2.56	1.32	1.67	1.72	2.44	1.45	3.33	1.32
	0.00	AVOID 503	240.	2.00	.88	2.50	.52	2.17	.52	2.44	1.54	3.03	1.39	2.70	1.45
2607	10.00	AVOID 503	20.00	.55	.60	1.37	1.00	1.64	.54	1.92	.55	1.54	.50	2.94	1.41
2607	10.00	AVOID 503	120.	.85	.41	1.59	.74	.56	.63	1.67	.81	1.61	.53	2.13	.54
2607	10.00	AVOID 503	240.	1.43	.75	1.59	.56	2.44	.90	.53	.98	2.22	.53	2.00	.52
2607	0.00	AVOID 503	1440.	.18	.62	1.79	.64	2.04	.56	1.85	.56	1.43	1.33	2.00	1.37

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
	0.00	ESCPE	507	20.00	1.82	.54	3.45	.55	4.55	.56	3.70	1.45	3.45	1.52	4.35	1.35
	0.00	ESCPE	507	120.	5.56	1.72	4.55	1.72	4.17	1.39	5.00	.53	4.76	.52	4.35	.54
	0.00	ESCPE	507	240.	.36	.60	5.00	.52	5.00	.55	4.17	.55	4.76	.56	.09	.52
2607	10.00	ESCPE	507	20.00	3.23	.54	4.00	.54	3.85	1.45	5.00	1.43	4.35	1.43	4.35	.56
2607	10.00	ESCPE	507	120.	4.00	.56	3.85	1.00	4.35	.51	4.35	.56	4.00	.86	4.35	.55
2607	10.00	ESCPE	507	240.	4.00	.93	2.86	.51	4.00	.93	4.00	1.00	4.35	.92	5.26	.10
2607	10.00	ESCPE	507	1440.	4.17	1.32	4.17	.54	3.85	.52	4.00	.56	5.00	.57	4.00	.55
	0.00	ESCPE	508	20.00	4.35	.56	4.76	.56	5.00	.51	5.00	.51	5.26	1.23	4.76	.56
	0.00	ESCPE	508	120.	4.17	1.28	6.25	1.43	4.76	1.23	4.76	1.32	4.55	.52	5.00	.53
	0.00	ESCPE	508	240.	5.00	1.59	5.26	1.32	4.00	1.43	5.26	1.27	4.76	.54	6.25	1.30
2607	10.00	ESCPE	508	20.00	3.33	.54	4.00	.52	5.26	.52	4.76	.52	4.35	1.00	4.55	.97
2607	10.00	ESCPE	508	120.	3.33	1.39	3.70	.55	5.26	.99	4.00	.55	5.00	.54	4.00	.52
2607	10.00	ESCPE	508	240.	3.45	.56	4.17	1.54	4.00	.55	5.00	.59	5.00	1.64	4.00	1.43
2607	10.00	ESCPE	508	1440.	4.00	.56	5.00	1.45	5.00	1.33	5.00	1.37	4.76	.56	4.35	.55
	0.00	ADREN	482	20.00	1.82	.47	.47	.25	.41	.36	.58	.62	1.82	.38	.28	.48

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
	0.00	APRCH	452	120.	2.17	.43	2.38	.70	.35	.36	.76	.62	.70	.23	.69	.37
	0.00	APRCH	452	240.	2.08	.34	.53	.65	.40	.60	.55	.61	.37	.35	1.69	.67
2562	3.20	APRCH	452	20.00	.71	.99	.34	.34	2.08	.39	.20	.36	.61	.37	2.22	.70
2562	3.20	APRCH	452	120.	2.04	.35	.23	.28	.59	.70	.52	.68	1.45	.57	.91	.68
2562	3.20	APRCH	452	240.	.24	.75	.06	.45	2.13	.81	.09	.43	.70	.59	2.22	.78
2562	3.20	APRCH	452	1440.	.56	.37	.81	.16	.29	.38	.58	.70	2.00	.69	.55	.74
	0.00	APRCH	492	20.00	2.56	.73	1.67	.78	1.35	.75	.25	.81	.10	.69	.83	.90
	0.00	APRCH	492	120.	2.38	.93	.20	.13	1.61	.85	.61	.87	1.61	.97	.28	.62
	0.00	APRCH	492	240.	.13	.41	.36	.74	.40	.76	.68	.81	.60	.65	.69	.78
2562	3.20	APRCH	492	20.00	.56	.74	1.75	.87	.17	.37	.26	.79	.87	.79	1.61	.88
2562	3.20	APRCH	492	120.	2.63	.52	1.96	.68	1.79	.85	1.85	.52	.37	.80	.27	.98
2562	3.20	APRCH	492	240.	2.33	.51	.40	.96	.39	.91	2.08	.51	1.82	.97	2.08	.35
2562	3.20	APRCH	492	1440.	2.38	.93	2.17	.90	.05	.26	.11	.69	.97	.93	.93	.34
	0.00	AVOID	475	20.00	2.38	.79	1.67	.43	2.08	.93	2.38	.97	3.03	.55	3.33	1.33
	0.00	AVOID	475	120.	2.38	.76	1.92	.85	2.63	.76	2.56	.83	2.33	.51	2.63	1.41

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV NO.	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
	0.00	AVOID	475	240.	2.22	.80	1.79	.54	2.85	1.33	2.85	1.33	2.00	1.30	3.33	.56
2562	3.20	AVOID	475	20.00	1.72	.72	2.63	.51	2.44	.79	2.94	.52	3.03	.51	2.33	.55
2562	3.20	AVOID	475	120.	2.44	.85	.58	.75	.39	.53	2.38	.53	2.70	1.15	4.00	.54
2562	3.20	AVOID	475	240.	.53	.85	2.78	.92	2.63	.91	1.82	.85	2.22	.54	2.50	.54
2562	3.20	AVOID	475	1440.	1.47	.48	1.82	.68	2.27	.35	2.33	.94	2.08	.98	2.36	.97
	0.00	AVOID	501	20.00	.54	1.61	3.03	2.00	3.13	1.89	3.85	1.89	3.53	1.72	4.17	1.89
	0.00	AVOID	501	120.	2.70	1.39	2.22	1.54	3.85	1.54	3.45	1.69	4.00	1.64	2.94	1.64
	0.00	AVOID	501	240.	3.03	1.33	3.85	1.45	3.85	1.45	4.17	1.56	3.45	1.54	3.45	1.59
2562	3.20	AVOID	501	20.00	2.00	1.67	3.33	1.41	4.00	1.43	3.33	1.33	2.86	.55	4.55	1.82
2562	3.20	AVOID	501	120.	3.03	1.52	4.17	1.43	3.23	1.59	4.17	1.39	4.00	1.41	4.35	1.47
2562	3.20	AVOID	501	240.	2.27	1.47	3.85	1.54	3.45	1.72	3.33	1.64	4.35	1.49	3.70	1.67
2562	3.20	AVOID	501	1440.	2.70	1.64	3.13	1.54	3.23	1.43	4.00	1.52	4.00	1.59	3.70	1.56
	0.00	ESCPE	505	240.	4.76	1.30	4.76	1.32	4.00	.55	4.17	.54	3.57	1.20	3.33	.56
	0.00	ESCPE	505	20.00	4.17	.56	4.17	.51	5.26	.55	4.00	1.32	2.70	.55	4.00	.51
	0.00	ESCPE	505	120.	4.55	1.47	4.17	1.41	4.17	1.43	3.85	.55	3.57	1.35	3.03	1.37
2562	3.20	ESCPE	505	20.00	4.55	1.32	4.55	1.27	3.85	.55	3.23	.56	4.35	1.27	4.17	1.25

MOTIVATION TESTS IN HOODED RATS
START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV No.	RAT No.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
2562	3.20	ESCPE	505	120.	3.83	.54	3.85	1.41	4.00	1.32	2.63	1.45	4.55	.97	3.70	1.32
2562	3.20	ESCPE	505	240.	3.85	1.54	5.00	.57	3.85	1.28	4.00	1.23	3.85	1.41	3.70	.58
2562	3.20	ESCPE	505	1440.	2.94	.58	4.00	1.52	3.70	1.41	3.57	.54	4.17	1.32	3.33	.55
	0.00	ESCPE	466	20.00	1.98	.78	3.85	1.37	4.35	.55	4.17	.53	4.78	.53	4.33	.54
	0.00	ESCPE	466	120.	3.43	1.64	4.55	.57	4.55	.54	4.00	1.00	4.55	.99	4.00	.55
	0.00	ESCPE	466	240.	3.03	1.52	4.35	.52	4.35	.99	4.35	.52	5.00	1.30	4.53	1.27
2562	3.20	ESCPE	466	20.00	2.44	.87	3.70	.98	3.57	.82	4.17	.89	4.00	.89	4.00	.50
2562	3.20	ESCPE	466	120.	4.17	1.37	4.35	1.18	4.35	1.00	4.35	.52	3.57	.50	3.33	.97
2562	3.20	ESCPE	466	240.	4.76	1.47	4.53	1.61	5.00	.52	4.00	.51	4.55	.90	4.76	.54
2562	3.20	ESCPE	466	1440.	2.83	.54	3.13	1.35	4.35	.55	4.35	1.28	3.85	.51	4.35	.53
CONTROL	0.00	APRCH	498	0.00	3.23	1.00	2.94	.56	2.78	.99	3.03	.56	3.23	1.37	.09	.67
	1.00	APRCH	498	20.00	1.47	.36	1.96	.35	1.56	.39	1.41	.45	2.44	.34	2.22	.39
	1.00	APRCH	498	120.	3.45	.95	4.00	.53	2.08	.54	3.33	.53	3.03	.53	4.00	1.28
	1.00	APRCH	498	240.	4.00	.54	2.44	.54	3.33	.55	3.03	1.28	3.03	1.33	1.82	.55
	1.00	APRCH	498	1440.	.03	.67	3.03	.57	.13	.51	2.78	1.89	2.83	1.28	3.45	1.28

MOTIVATION TESTS IN HOODED RATS
 START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV No.	RAT No.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
CONTROL	0.00	APRCH	499	0.00	2.38	.82	.23	.29	1.92	.83	.57	.77	.97	.75	2.32	.69
	1.00	APRCH	499	20.00	2.44	.49	1.85	.37	2.56	.68	3.23	.67	3.13	.67	3.53	.75
	1.00	APRCH	499	120.	2.53	.21	2.86	.69	2.44	.71	2.94	.84	.04	.37	3.23	.72
	1.00	APRCH	499	240.	3.43	.70	.32	.44	1.64	.77	2.33	.80	1.67	.83	2.22	.34
	1.00	APRCH	499	1440.	2.78	.68	2.63	.78	1.92	.81	2.86	.81	2.50	.78	2.86	.71
CONTROL	0.00	AVOID	504	0.00	2.33	.57	2.70	1.52	2.08	1.79	3.03	1.54	2.33	1.61	3.13	1.75
	1.00	AVOID	504	20.00	2.33	.67	1.79	.51	3.23	1.37	3.13	1.41	2.63	1.41	2.44	1.41
	1.00	AVOID	504	120.	2.94	.68	2.38	1.52	3.70	1.75	3.13	1.52	2.86	1.72	1.96	2.22
	1.00	AVOID	504	240.	2.56	.54	2.33	1.69	2.86	1.52	2.38	1.72	3.33	1.39	2.86	1.89
	1.00	AVOID	504	1440.	1.69	1.47	1.85	2.04	2.22	1.75	2.22	1.72	2.50	1.67	3.23	1.64
CONTROL	0.00	AVOID	480	0.00	2.27	.93	2.04	.77	2.33	.52	2.44	.77	2.70	.51	3.33	.95

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

EPND NO.	DOSE MG/KG	MOTIV RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6		
				START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	
	1.00	AVOID	480	120.	2.00	.45	2.22	.34	2.00	.64	2.13	.36	2.22	.04	2.33	.63
	1.00	AVOID	480	240.	1.82	.74	1.82	.76	2.56	.74	2.50	.65	2.70	.83	2.00	.99
	1.00	AVOID	480	1440.	1.75	.73	.59	.90	2.70	.78	2.22	2.08	2.85	.97	1.84	.60
CONTROL	0.00	ESCAPE	509	0.00	2.13	.53	3.57	.55	4.55	.52	4.17	.56	4.76	.55	3.85	.54
	1.00	ESCAPE	509	20.00	.83	.88	.58	.51	1.67	.85	.83	.54	1.56	.54	2.44	.98
	1.00	ESCAPE	509	120.	2.78	.74	3.45	.73	3.57	.86	4.35	.88	3.45	.99	4.17	.91
	1.00	ESCAPE	509	240.	2.70	.75	3.33	.87	3.33	.93	3.70	.83	3.85	.83	4.00	.89
	1.00	ESCAPE	509	1440.	4.35	.94	4.17	.92	5.00	.55	5.00	.54	2.44	.54	5.26	.52
CONTROL	0.00	ESCAPE	487	0.00	3.13	.52	3.70	.52	4.55	.53	4.76	.89	5.00	.99	5.00	.51
	1.00	ESCAPE	487	20.00	3.45	.83	3.45	.80	4.35	.84	3.85	.74	4.00	.71	2.86	.69
	1.00	ESCAPE	487	120.	4.00	.70	3.03	.83	2.70	.82	3.85	.74	3.85	.75	2.94	.70
	1.00	ESCAPE	487	240.	2.86	.35	2.70	.63	2.78	.77	6.67	.65	4.17	.73	.78	.27
	1.00	ESCAPE	487	1440.	3.13	.71	4.00	.72	3.45	.98	2.86	.78	3.57	.91	4.00	.85

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV NO.	RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
	0.00	APRCH	499	120.	2.70	.88	2.50	.93	2.50	.93	3.03	.87	3.57	.84	3.33	.83
	0.00	APRCH	499	240.	.14	.33	.95	.58	2.22	.89	3.03	.86	3.33	.81	3.70	.89
2372	10.00	APRCH	499	20.00	2.36	.61	1.04	.14	2.17	.63	1.72	.66	1.85	.63	.33	.61
2372	10.00	APRCH	499	120.	1.47	.15	.13	.50	1.64	.36	.99	.05	1.69	.72	2.44	.79
2372	10.00	APRCH	499	240.	3.57	.72	3.13	.86	2.86	.74	3.57	.83	4.17	.82	1.55	.11
2372	10.00	APRCH	499	1440.	3.13	.55	4.17	.62	2.08	.77	.38	.53	3.23	.70	3.13	.79
	0.00	APRCH	498	20.00	.03	.03	1.64	.95	3.57	1.16	3.23	1.08	.49	.81	4.00	1.16
	0.00	APRCH	498	120.	3.57	1.14	2.00	1.09	4.17	1.23	3.33	1.10	1.85	1.12	2.86	1.22
	0.00	APRCH	498	240.	4.55	1.27	3.13	1.09	3.03	1.11	1.56	1.28	1.79	1.19	4.17	1.19
2372	10.00	APRCH	498	20.00	.53	.71	.50	.52	3.33	.51	.34	1.00	.89	.94	.14	.91
2372	10.00	APRCH	498	120.	3.45	.52	2.94	.54	1.35	1.23	2.44	.53	2.08	1.33	2.09	1.22
2372	10.00	APRCH	498	240.	2.44	1.12	1.54	1.11	3.03	1.18	4.00	1.35	5.26	1.05	3.13	1.28
2372	10.00	APRCH	498	1440.	2.94	1.20	3.57	1.12	1.52	1.14	3.33	1.10	.25	.82	3.03	1.12
	0.00	AVOID	504	20.00	3.03	1.54	3.45	1.72	3.23	1.82	4.17	1.79	4.35	1.79	3.85	1.79
	0.00	AVOID	504	120.	4.00	1.69	3.33	1.69	3.85	1.67	4.00	1.67	3.70	1.64	3.03	1.54

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
	0.00	AVOID	504	240.	3.57	1.54	4.00	1.59	3.70	1.54	3.45	1.67	3.70	1.82	3.45	1.79
2372	10.00	AVOID	504	20.00	2.33	1.19	3.33	1.54	2.78	1.47	2.70	1.43	2.33	1.45	2.50	1.64
2372	10.00	AVOID	504	120.	3.23	1.52	1.82	1.82	1.69	2.50	2.50	1.82	2.08	2.13	2.50	1.75
2372	10.00	AVOID	504	240.	3.03	1.43	3.70	1.82	3.23	1.89	3.85	1.92	3.33	1.85	2.86	2.17
2372	10.00	AVOID	504	1440.	2.78	1.49	3.45	1.69	3.57	1.79	3.45	1.67	3.85	1.85	3.85	1.69
	0.00	AVOID	480	20.00	3.33	.95	2.33	.87	4.35	1.04	2.94	.90	3.85	1.04	3.45	1.10
	0.00	AVOID	480	120.	2.17	.82	3.57	1.09	2.78	.76	2.00	.63	2.27	.99	2.53	.85
	0.00	AVOID	480	240.	1.96	.66	2.94	.97	2.50	.82	3.33	.79	2.78	.93	3.33	.87
2372	10.00	AVOID	480	20.00	.54	.67	1.00	.83	1.61	.77	2.63	.83	1.82	.89	.57	.93
2372	10.00	AVOID	480	120.	1.47	.63	.52	.62	.52	.63	2.17	.67	.52	.51	.83	.64
2372	10.00	AVOID	480	240.	1.22	.64	1.92	.65	1.56	.72	1.96	.63	2.17	.79	2.22	.83
2372	10.00	AVOID	480	1440.	.31	.65	2.44	.65	2.04	.62	1.56	.77	2.63	.78	1.85	.83
	0.00	ESCPE	487	20.00	5.88	1.30	6.67	1.09	6.67	1.10	6.67	1.32	6.25	1.25	6.67	1.25
	0.00	ESCPE	487	120.	6.67	1.00	5.56	.93	7.14	1.15	5.56	1.09	5.88	.98	6.67	1.18
	0.00	ESCPE	487	240.	4.55	1.20	6.67	1.18	6.67	1.09	4.55	1.28	6.25	1.20	4.76	1.52

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
2372	10.00	ESCPE	487	20.00	3.03	.86	3.45	.74	2.78	.85	3.85	.81	4.17	.93	3.70	1.23
2372	10.00	ESCPE	487	120.	3.70	.86	3.33	.85	4.00	.86	3.33	.88	3.23	.83	4.35	.90
2372	10.00	ESCPE	487	240.	5.56	.88	6.67	1.19	6.25	1.11	6.67	1.15	4.76	1.45	5.88	1.25
2372	10.00	ESCPE	487	1440.	6.67	1.01	6.25	1.32	6.67	1.10	4.17	1.49	6.25	1.19	5.00	1.32
	0.00	ESCPE	509	20.00	4.35	1.64	.94	1.49	5.88	1.64	1.92	1.82	1.49	2.08	2.04	1.43
	0.00	ESCPE	509	120.	4.00	1.45	2.94	1.32	4.17	1.32	4.17	1.20	3.13	1.10	2.55	1.15
	0.00	ESCPE	509	240.	3.23	1.47	3.45	1.33	5.00	1.23	3.45	1.25	3.13	1.15	5.25	1.27
2372	10.00	ESCPE	509	20.00	2.86	.87	2.94	.52	3.70	.52	3.45	1.25	3.33	.52	3.85	1.27
2372	10.00	ESCPE	509	120.	2.94	.54	3.45	.52	1.89	.53	3.85	.54	3.45	.55	3.13	.52
2372	10.00	ESCPE	509	240.	2.50	1.27	5.56	1.43	5.00	1.10	4.76	1.32	3.85	1.05	5.00	1.37
2372	10.00	ESCPE	509	1440.	2.27	1.14	2.44	1.27	4.17	1.19	2.70	1.30	4.00	1.45	4.17	1.43
	0.00	APRCH	497	20.00	.12	.25	1.67	.79	.54	.62	.16	.49	1.28	.74	.16	.17
	0.00	APRCH	497	240.	1.85	.87	1.82	.89	1.92	.81	.36	.79	1.79	.83	.72	.75
2636	3.20	APRCH	497	20.00	.13	.66	.39	.71	1.35	.03	.50	.78	.57	.31	.07	.74

MOTIVATION TESTS IN HOODED RATS
START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
2636	3.20	APRCH	497	120.	1.54	.63	1.96	1.00	.03	.28	1.33	.81	1.41	.84	.27	.85
2636	3.20	APRCH	497	240.	.73	.81	1.67	.79	1.61	.89	.55	.89	.85	.89	1.75	.97
2636	3.20	APRCH	497	1440.	.92	.82	1.47	.80	1.79	.50	1.54	.93	1.79	.98	1.56	.93
	0.00	APRCH	496	20.00	2.33	.59	.07	.72	2.44	.89	2.33	.51	.57	.66	2.17	.51
	0.00	APRCH	496	240.	1.96	.34	2.17	.52	2.08	.91	1.54	.92	2.50	.95	2.22	.95
2636	3.20	APRCH	496	20.00	2.08	.69	2.27	.51	2.17	.97	2.04	.93	.04	.74	1.92	.50
2636	3.20	APRCH	496	120.	2.22	.64	1.82	.91	1.92	.89	2.38	.78	1.67	.87	2.53	.52
2636	3.20	APRCH	496	240.	1.96	.92	.54	.87	1.61	.43	1.79	.52	1.79	.93	1.75	.53
2636	3.20	APRCH	496	1440.	2.17	.79	2.27	.83	2.33	.51	2.22	.52	.21	.73	1.89	.53
	0.00	AVOID	475	20.00	1.67	.35	2.08	.85	1.69	.76	1.43	.93	1.56	.55	2.33	1.30
	0.00	AVOID	475	240.	1.59	.40	1.52	.75	2.50	.50	1.39	.81	.57	.56	1.85	.55
2636	3.20	AVOID	475	20.00	2.86	.96	2.86	1.00	2.04	.54	2.50	1.64	2.17	1.32	3.33	1.43
2636	3.20	AVOID	475	120.	2.04	.95	1.82	.95	2.56	.54	2.22	.52	2.04	1.23	2.96	1.41
2636	3.20	AVOID	475	240.	2.27	.77	1.67	.74	1.56	.94	2.22	.51	2.00	1.22	2.22	1.54
2636	3.20	AVOID	475	1440.	2.50	.45	1.92	.67	2.22	.78	1.54	1.00	2.17	.98	1.54	.96

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
	0.00	AVOID	501	20.00	3.33	1.33	3.70	1.41	3.45	1.25	2.86	1.35	3.33	1.49	4.55	1.39
	0.00	AVOID	501	240.	2.50	.52	3.57	.51	3.03	.92	2.17	1.39	2.56	1.27	3.23	1.54
2636	3.20	AVOID	501	20.00	3.33	1.67	2.56	.53	3.13	1.45	.83	.99	2.70	1.67	1.67	1.89
2636	3.20	AVOID	501	120.	2.85	1.82	.38	1.61	2.13	1.37	2.13	1.52	4.00	.55	3.33	1.96
2636	3.20	AVOID	501	240.	1.67	1.64	2.78	1.30	1.43	1.64	2.63	1.79	1.85	1.56	2.78	1.43
2636	3.20	AVOID	501	1440.	2.04	1.45	1.92	1.28	3.13	1.52	2.38	1.30	1.30	1.61	2.50	1.49
	0.00	ESCPE	505	20.00	4.00	1.19	3.33	.95	3.23	.95	4.55	.51	5.00	.92	4.17	1.25
	0.00	ESCPE	505	240.	3.03	1.49	3.45	.51	3.13	1.00	3.33	.53	2.94	.55	3.85	.52
2636	3.20	ESCPE	505	20.00	2.86	1.54	4.00	.55	2.78	1.30	3.57	.53	2.86	1.30	3.23	.54
2636	3.20	ESCPE	505	120.	3.85	.54	3.33	1.33	3.03	1.41	3.33	.99	4.00	.54	3.45	.55
2636	3.20	ESCPE	505	240.	2.22	.52	3.45	.56	2.86	.55	3.85	.92	3.23	.51	4.00	.54
2636	3.20	ESCPE	505	1440.	3.33	.63	2.94	.52	3.85	.54	2.50	.54	3.33	.83	3.33	.76
	0.00	ESCPE	466	20.00	4.55	.96	3.85	.97	3.85	1.00	5.26	.91	4.35	.88	4.00	.51

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
2649	1.00	AVOID	503	120.	1.35	.67	1.52	1.00	1.59	.91	2.17	.53	1.75	.54	2.22	.53
2649	1.00	AVOID	503	240.	1.89	.41	2.86	.95	3.33	.88	2.56	1.09	2.78	1.19	3.13	1.33
2649	1.00	AVOID	503	1440.	1.28	.48	1.92	.78	2.22	.93	1.43	.90	1.67	1.64	2.38	1.25
	0.00	ESCPE	507	20.00	3.57	.51	3.23	1.00	3.33	.54	3.70	.52	3.70	1.18	4.55	.91
	0.00	ESCPE	507	120.	3.13	.87	4.17	.74	4.76	.95	4.00	1.32	3.70	.94	3.57	.53
	0.00	ESCPE	507	240.	4.76	1.23	4.55	.88	4.17	1.14	5.00	.98	4.76	1.14	4.17	.81
2649	1.00	ESCPE	507	20.00	3.33	.51	3.57	.51	4.00	.53	3.70	.98	4.00	.51	3.45	.53
2649	1.00	ESCPE	507	120.	2.78	1.32	3.45	1.00	3.57	.52	4.55	.50	3.85	.56	3.85	.98
2649	1.00	ESCPE	507	240.	4.00	.99	5.26	.95	6.25	1.37	5.00	1.10	5.26	.74	5.56	1.28
2649	1.00	ESCPE	507	1440.	6.25	1.39	6.25	1.49	6.25	1.45	6.67	1.39	6.25	1.30	6.25	1.67
	0.00	ESCPE	508	20.00	3.33	1.39	4.35	1.37	4.55	.54	4.76	.55	4.76	.55	4.35	1.32
	0.00	ESCPE	508	120.	5.00	1.54	4.55	1.32	4.55	1.41	5.26	1.52	4.00	.52	4.00	1.33
	0.00	ESCPE	508	240.	5.56	1.67	5.00	1.52	5.88	1.56	6.67	1.54	6.67	1.41	5.26	1.25
2649	1.00	ESCPE	508	20.	3.57	.56	5.00	1.28	4.00	.56	4.76	.52	4.00	1.30	4.55	1.37
2649	1.00	ESCPE	508	120.	3.03	1.67	5.00	1.33	4.17	.53	5.00	.52	4.35	1.32	4.35	1.28
2649	1.00	ESCPE	508	240.	5.00	1.41	6.67	1.41	6.67	1.49	6.67	1.18	5.56	1.39	M-D	M-D
2649	1.00	ESCPE	508	1440.	4.76	1.16	5.26	1.25	5.88	1.27	7.14	1.16	6.25	1.11	5.00	1.39

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
2649	1.00	APRCH	498	20.00	3.13	.51	3.85	.53	2.86	.52	3.70	.53	.18	.67	2.44	.53
2649	1.00	APRCH	498	120.	2.50	.99	3.13	1.47	3.33	.55	2.78	.51	3.70	.54	1.82	.53
2649	1.00	APRCH	498	240.	2.50	1.25	.61	1.22	5.00	1.30	4.76	1.27	4.55	1.30	4.76	1.32
2649	1.00	APRCH	498	1440.	5.00	1.02	4.00	1.15	4.76	1.18	.90	1.05	.14	.76	1.92	1.15
	0.00	AVOID	502	20.00	1.33	.83	1.69	.54	2.08	.53	1.89	1.27	2.00	.53	2.04	1.33
	0.00	AVOID	502	120.	1.64	.65	2.00	.56	2.44	1.39	1.96	.54	1.92	1.45	.52	.56
	0.00	AVOID	502	240.	1.64	1.45	2.33	.52	1.72	.93	2.13	.52	2.38	1.20	1.52	1.39
2649	1.00	AVOID	502	20.00	.54	.51	2.13	.57	2.13	1.27	2.56	1.52	2.56	1.43	2.08	1.79
2649	1.00	AVOID	502	120.	2.44	1.30	2.50	1.41	2.63	1.59	2.56	1.61	1.54	1.85	2.50	1.75
2649	1.00	AVOID	502	240.	1.20	.48	3.13	1.72	2.70	1.52	3.45	1.52	3.33	1.54	1.96	1.79
2649	1.00	AVOID	502	1440.	.60	1.14	2.56	1.23	2.86	1.49	2.94	1.54	3.70	1.61	2.22	1.47
	0.00	AVOID	503	20.00	2.08	.83	1.27	1.79	2.50	1.33	2.38	1.61	2.27	1.39	2.27	1.32
	0.00	AVOID	503	120.	1.96	.36	1.56	.52	2.00	.55	2.22	1.30	2.50	.54	1.89	.54
	0.00	AVOID	503	240.	1.61	.74	1.82	.90	1.61	1.22	1.92	.53	2.27	1.39	2.50	1.33

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
	0.00	APRCH	492	120.	2.22	.79	1.43	.95	.50	.98	.37	.34	1.47	.97	1.89	.97
	0.00	APRCH	492	240.	1.82	.97	2.08	.51	1.92	.98	2.13	.92	2.22	.96	.53	.83
5143	1.00	APRCH	492	20.00	1.56	.33	1.25	.83	.85	.85	1.82	.92	1.54	.93	.79	.85
5143	1.00	APRCH	492	120.	1.92	.92	.10	.81	.35	.88	.40	.83	.53	.91	2.00	.92
5143	1.00	APRCH	492	240.	2.33	.83	2.94	1.02	2.56	.96	2.38	1.02	1.09	1.03	1.23	.95
5143	1.00	APRCH	492	1440.	2.08	.70	.33	.69	.93	.93	.89	1.00	1.14	.84	1.09	.91
	0.00	APRCH	499	120.	1.82	.82	2.38	.83	.20	.72	2.50	.96	2.04	.96	1.92	.36
	0.00	APRCH	499	240.	2.33	.73	2.27	.84	.87	.84	2.86	.76	.44	.60	2.33	.90
5143	1.00	APRCH	499	20.00	1.75	.34	3.23	.83	2.56	.71	2.70	.71	2.44	.68	1.67	.71
5143	1.00	APRCH	499	120.	3.03	.70	2.50	.89	2.33	.70	2.27	.79	2.13	.80	2.50	.78
5143	1.00	APRCH	499	240.	2.56	.61	.13	.77	.37	.80	.65	.79	1.92	.65	2.63	.73
5143	1.00	APRCH	499	1440.	2.63	.62	.65	.75	2.44	.80	.42	.72	.99	.66	3.03	.75
	0.00	AVOID	504	20.00	2.13	1.82	2.27	2.50	2.33	2.08	2.86	2.04	2.78	2.22	2.94	2.04
	0.00	AVOID	504	120.	1.64	2.78	2.13	2.27	1.45	3.23	.55	2.50	1.25	2.17	1.67	2.33
	0.00	AVOID	504	240.	2.22	2.33	2.17	2.38	1.82	2.44	2.22	2.63	1.92	2.56	2.00	2.38
5143	1.00	AVOID	504	20.00	2.38	1.96	2.44	1.92	2.22	1.89	2.33	1.89	2.22	2.04	2.38	2.13

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
5143	1.00	AVOID	504	120.	2.13	1.75	1.64	2.22	1.89	1.82	2.50	1.96	2.22	2.33	1.82	2.44
5143	1.00	AVOID	504	240.	.73	2.04	3.23	2.50	3.03	2.63	2.22	3.13	1.79	1.96	1.16	2.63
5143	1.00	AVOID	504	1440.	1.67	1.59	2.86	1.69	2.50	1.89	2.70	1.96	3.57	2.08	1.49	2.44
	0.00	AVOID	480	20.00	1.75	.92	1.85	.89	2.04	.99	2.86	.51	2.27	.52	2.33	.51
	0.00	AVOID	480	120.	1.92	.91	1.79	.83	1.82	.82	1.85	.79	1.82	.95	2.04	.94
	0.00	AVOID	480	240.	1.67	.90	2.17	.90	1.85	.83	2.08	.94	1.41	.53	2.33	.51
5143	1.00	AVOID	480	20.00	1.45	.63	1.82	.72	1.85	.95	1.96	.98	1.61	.55	1.69	.51
5143	1.00	AVOID	480	120.	1.67	.69	1.96	.71	1.47	1.72	1.67	.63	2.17	.64	1.45	1.00
5143	1.00	AVOID	480	240.	1.75	.81	2.70	.87	2.08	.96	1.79	.93	.79	1.47	3.85	1.30
5143	1.00	AVOID	480	1440.	.76	.65	.93	2.22	1.41	1.09	1.45	.89	.85	1.67	1.32	1.09
	0.00	ESCPE	509	20.00	3.45	1.43	4.00	1.43	3.23	1.25	2.44	1.56	5.00	1.33	3.33	1.43
	0.00	ESCPE	509	120.	2.38	1.41	4.17	1.32	4.17	1.37	3.33	1.22	4.00	1.27	3.23	1.32
	0.00	ESCPE	509	240.	1.56	1.59	3.03	.57	3.33	1.56	1.32	2.00	4.17	1.55	3.03	1.82
5143	1.00	ESCPE	509	20.00	2.50	1.43	4.35	1.41	4.76	1.45	2.33	1.67	2.86	1.49	2.04	1.79
5143	1.00	ESCPE	509	120.	2.70	1.41	2.86	.54	3.23	1.54	1.43	1.52	2.86	1.54	3.33	1.20

MOTIVATION TESTS IN HOODED RATS
START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
5143	1.00	ESCPE	509	240.	3.23	1.35	4.17	1.35	2.56	1.54	3.13	1.47	3.57	1.41	2.78	1.37
5143	1.00	ESCPE	509	1440.	1.27	1.30	3.13	1.52	2.86	1.49	2.44	1.39	3.85	1.25	3.33	1.32
	0.00	ESCPE	487	20.00	4.00	.91	4.00	1.19	4.55	.98	4.76	.51	4.17	.93	4.76	.90
	0.00	ESCPE	487	120.	3.23	.98	3.33	.98	4.00	.53	4.00	.50	4.00	.53	4.00	1.14
	0.00	ESCPE	487	240.	3.57	.87	4.76	.55	4.35	.52	4.00	1.16	4.00	1.30	3.85	.95
5143	1.00	ESCPE	487	20.00	3.45	1.00	5.00	.51	3.70	.51	4.55	.51	4.00	.53	5.00	.52
5143	1.00	ESCPE	487	120.	3.33	.84	3.03	.85	3.03	.89	3.23	.69	3.03	.83	3.33	.85
5143	1.00	ESCPE	487	240.	6.25	1.05	6.67	1.19	5.56	1.09	4.35	1.27	6.67	1.16	6.67	1.03
5143	1.00	ESCPE	487	1440.	4.35	.82	4.17	.76*	.03	.03	.06	.82	.03	.03	.39	.95
	0.00	APRCH	488	20.00	.26	.56	2.78	.92	3.03	.87	2.86	.91	2.00	.76	3.57	.95
	0.00	APRCH	488	120.	4.00	.86	3.57	1.04	.21	.66	3.23	.94	1.45	1.02	3.33	.84
	0.00	APRCH	488	240.	1.12	.67	3.70	.88	3.45	.82	4.55	1.06	.37	.85	.90	.87
598	.32	APRCH	488	20.00	1.14	.53	4.00	.59	4.17	.70	4.00	.98	3.45	.81	3.57	.91
598	.32	APRCH	488	120.	2.33	.83	2.86	.98	3.33	.91	1.79	1.11	4.35	1.12	.38	.69
598	.32	APRCH	488	240.	4.55	1.09	3.70	1.09	1.67	1.03	3.70	.94	4.55	.93	3.85	.85

MOTIVATION TESTS IN HOODED RATS

START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
2598	.32	APRCH	488	1440.	3.23	.79	4.17	.85	1.05	.84	3.85	.90	3.85	.91	4.17	.98
	0.00	APRCH	496	20.00	1.82	.99	1.32	1.15	1.56	1.03	.43	.85	1.10	1.11	.09	.86
	0.00	APRCH	496	120.	.20	.82	1.18	1.22	.18	.75	.77	1.06	1.47	1.20	1.19	1.15
	0.00	APRCH	469	240.	1.45	1.00	1.35	1.04	1.64	1.18	1.39	1.25	1.01	1.05	.97	1.11
2598	.32	APRCH	496	20.00	1.23	.89	1.25	1.20	1.43	1.09	1.30	1.16	1.45	1.19	1.22	1.14
2598	.32	APRCH	496	120.	1.61	1.00	1.72	1.16	1.82	1.18	1.72	1.19	1.52	1.30	1.69	1.27
2598	.32	APRCH	496	240.	1.54	.97	1.18	1.22	1.64	1.22	1.49	1.15	.23	.98	1.37	1.25
2598	.32	APRCH	496	1440.	1.85	1.08	2.04	1.25	.87	1.19	1.49	1.23	.29	1.11	1.82	1.32
	0.00	AVOID	475	20.00	1.06	.79	2.22	1.23	1.04	1.01	2.13	1.33	.88	1.92	2.56	1.61
	0.00	AVOID	475	120.	2.22	.58	1.09	1.06	1.49	.93	1.28	1.12	1.28	1.43	.72	1.96
	0.00	AVOID	475	240.	1.75	.99	.92	.99	1.92	1.37	2.70	1.54	2.33	1.32	2.70	1.37
2598	.32	AVOID	475	20.00	.93	1.04	2.00	.97	2.22	1.15	1.82	1.43	3.45	1.32	3.23	1.43
2598	.32	AVOID	475	120.	2.22	.66	1.85	1.06	1.96	1.04	2.27	1.19	2.38	1.25	2.00	1.32
2598	.32	AVOID	475	240.	2.38	1.08	1.67	1.11	1.85	1.22	2.94	1.33	2.55	1.43	2.85	1.45
2598	.32	AVOID	475	1440.	2.27	.54	1.75	.73	1.82	.75	2.00	.69	1.69	1.19	2.13	1.33

MOTIVATION TESTS IN HOODED RATS
 START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV	RAT NO.	TIME	TRIAL 1 START	TRIAL 1 RUN	TRIAL 2 START	TRIAL 2 RUN	TRIAL 3 START	TRIAL 3 RUN	TRIAL 4 START	TRIAL 4 RUN	TRIAL 5 START	TRIAL 5 RUN	TRIAL 6 START	TRIAL 6 RUN
	0.00	AVOID	501	20.00	4.17	1.61	3.33	1.61	3.33	1.47	3.85	1.67	3.57	1.67	3.45	1.67
	0.00	AVOID	501	120.	2.22	1.54	3.13	1.25	3.23	1.54	2.94	1.43	2.50	1.69	4.76	1.54
	0.00	AVOID	501	240.	3.45	1.54	2.70	1.67	4.00	1.69	3.33	1.32	3.13	1.67	3.70	1.47
2598	.32	AVOID	501	20.00	2.86	1.67	3.13	1.54	3.70	1.61	3.33	1.52	4.35	1.67	4.55	1.85
2598	.32	AVOID	501	120.	2.27	1.39	2.70	1.52	2.56	1.35	2.63	1.45	2.33	1.27	2.56	1.39
2598	.32	AVOID	501	240.	3.13	1.20	3.03	1.23	2.70	1.43	3.23	1.49	2.63	2.33	3.33	1.45
2598	.32	AVOID	501	1440.	2.08	1.23	2.86	1.30	2.86	1.54	2.70	1.49	3.03	1.43	2.70	1.56
	0.00	ESCPE	505	20.00	5.26	1.28	5.26	1.33	5.88	1.35	4.00	1.10	4.00	1.11	4.17	1.20
	0.00	ESCPE	505	120.	3.70	1.54	4.00	1.39	5.00	1.15	3.85	1.10	3.70	1.03	3.57	1.28
	0.00	ESCPE	505	240.	4.55	1.27	5.00	1.39	4.55	.98	4.35	.25	3.57	.38	4.35	.71
2598	.32	ESCPE	505	20.00	3.70	1.20	5.88	1.23	5.88	.87	5.56	.94	4.55	1.14	5.00	1.06
2598	.32	ESCPE	505	120.	3.57	.67	3.57	.16	4.76	.46	4.00	.17	4.17	.31	4.35	.81
2598	.32	ESCPE	505	240.	4.55	1.03	5.00	.91	4.76	.97	3.33	1.23	3.57	1.08	3.70	1.12
2598	.32	ESCPE	505	1440.	3.03	.56	4.76	1.04	4.35	1.28	4.17	1.02	6.25	1.30	5.26	1.15

MOTIVATION TESTS IN HOODED RATS
START AND RUN SPEEDS IN RECIPROCAL SECONDS

CPND NO.	DOSE MG/KG	MOTIV NO.	RAT NO.	TIME	TRIAL 1		TRIAL 2		TRIAL 3		TRIAL 4		TRIAL 5		TRIAL 6	
					START	RUN	START	RUN	START	RUN	START	RUN	START	RUN	START	RUN
	0.00	ESCPE	466	120.	4.00	1.59	4.76	1.33	3.57	1.37	4.35	1.28	4.76	1.04	1.56	1.15
	0.00	ESCPE	466	240.	4.55	1.89	6.25	1.96	4.35	1.82	5.00	1.52	3.45	1.85	2.56	1.43
2598	.32	ESCPE	466	20.00	3.57	1.45	5.00	1.43	5.00	1.15	5.00	1.23	5.88	1.23	5.00	1.28
2598	.32	ESCPE	466	120.	2.86	1.28	3.57	1.11	4.17	.98	3.85	1.25	3.23	1.14	4.76	1.04
2598	.32	ESCPE	466	240.	5.56	1.30	5.56	1.23	4.76	1.41	5.56	1.12	4.55	1.06	1.56	1.54
2598	.32	ESCPE	466	1440.	2.86	1.20	3.45	1.00	4.55	1.27	5.00	1.19	4.76	.93	4.17	.92

SRBA

975

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
518 M	10.0	361	0.0	NORMAL
			0.25	NORMAL
			2	NORMAL
			4	NORMAL
			24	NORMAL
491 M	10.0	289	0.0	NORMAL
			0.25	INCREASED REARING UP SIDES OF CAGE CONTINUALLY NUDGES REWARD DOOR
			2	INCREASED REARING UP SIDES OF CAGE
			4	NORMAL
			24	NORMAL

SRBA

2372

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
518 M	10.0	357	0.0	NORMAL
			0.25	NORMAL
			2	NORMAL
			4	NORMAL
			24	NORMAL
491 M	10.0	291	0.0	NORMAL
			0.25	NORMAL
			2	NORMAL
			4	NORMAL
			25	NORMAL

SRBA

2413

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
517 M	1.6	333	0.0	NORMAL
			0.25	NORMAL
			2	NORMAL
			4	NORMAL
			24	NORMAL
528 M	1.6	371	0.0	NORMAL
			0.25	NORMAL
			2	NORMAL
			4	NORMAL
			24	NORMAL

SRBA

2460

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
491 M	10.0	283	0.0	NORMAL
			0.25	CONTINUALLY NUDGES REWARD DOOR SLIGHTLY DISRUPTED PATTERN
			2	NORMAL
			4	NORMAL
			24	NORMAL
516 M	10.0	299	0.0	MIOSIS
			0.25	CHEWS LIGHT BULBS ABOVE PEDALS SLIGHTLY DISRUPTED PATTERN
			2	SLIGHTLY DISRUPTED PATTERN
			4	SLIGHTLY DISRUPTED PATTERN
			24	NORMAL

SRBA

2470

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
519 M	10.0	357	0.0	NORMAL
			0.25	NORMAL
			2	NORMAL
			4	NORMAL
			24	NORMAL
489 M	10.0	418	0.0	NORMAL
			0.25	NORMAL
			2	NORMAL
			4	NORMAL
			24	NORMAL

SRBA

2562

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
525 M	3.2	295	0.0	NORMAL
			0.25	NORMAL
			2	NORMAL
			4	NORMAL
			24	NORMAL
529 M	3.2	284	0.0	NORMAL
			0.25	SLIGHTLY DISRUPTED PATTERN DECREASED LOCOMOTOR ACTIVITY
			2	DECREASED LOCOMOTOR ACTIVITY
			4	NORMAL
			24	NORMAL

SRBA
-2607

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
525 M	10.0	293	0.0	DECREASED LOCOMOTOR ACTIVITY DECREASED REARING FREQUENCY DECREASED RESPIRATORY DEPTH INCREASED RESPIRATORY RATE LOW POSTURE
			0.25	INCREASED RESPIRATORY DEPTH IRREGULAR RESPIRATORY DEPTH IRREGULAR RESPIRATORY RATE DECREASED RESPIRATORY RATE RECLINES ALONG SIDE OF CAGE DECREASED LOCOMOTOR ACTIVITY LOW POSTURE
			2	DECREASED LOCOMOTOR ACTIVITY
			4	DECREASED LOCOMOTOR ACTIVITY
			24	NORMAL

SRBA

2607

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
525 M	10.0	293	0.0	DECREASED LOCOMOTOR ACTIVITY DECREASED REARING FREQUENCY DECREASED RESPIRATORY DEPTH INCREASED RESPIRATORY RATE LOW POSTURE
			0.25	INCREASED RESPIRATORY DEPTH IRREGULAR RESPIRATORY DEPTH IRREGULAR RESPIRATORY RATE DECREASED RESPIRATORY RATE RECLINES ALONG SIDE OF CAGE DECREASED LOCOMOTOR ACTIVITY LOW POSTURE
			2	DECREASED LOCOMOTOR ACTIVITY
			4	DECREASED LOCOMOTOR ACTIVITY
			24	NORMAL

SRBA

2636

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
528 M	3.2	364	0.0	INCREASED RESPIRATORY DEPTH INCREASED RESPIRATORY RATE RUBBING NOSE
			0.25	HESITATED ON REWARD PEDAL WITH HEAD OUT OF DOOR HEAD SHAKE SKIN FLICK
			2	HESITATED ON REWARD PEDAL WITH HEAD OUT OF DOOR HEAD SHAKE SKIN FLICK
			4	NORMAL
			24	NORMAL

SRBA
2636

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
491 M	3.2	280	0.0	RUBBING NOSE INCREASED RESPIRATORY DEPTH INCREASED RESPIRATORY RATE
			0.25	HESITATED ON REWARD PEDAL WITH HEAD OUT OF DOOR SKIN FLICK HEAD SHAKE
			2	SKIN FLICK HEAD SHAKE
			4	NORMAL
			24	NORMAL

SRBA
2759

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
514 M	10.0	323	0.0	DECREASED LOCOMOTOR ACTIVITY DECREASED REARING FREQUENCY DECREASED RESPIRATORY DEPTH DECREASED RESPIRATORY RATE
			0.25	DECREASED LOCOMOTOR ACTIVITY RECLINES ALONG SIDE OF CAGE ATAXIA DECREASED RESPIRATORY DEPTH DECREASED RESPIRATORY RATE
			2	RECLINES ALONG SIDE OF CAGE
			4	DECREASED LOCOMOTOR ACTIVITY
			24	NORMAL

SRBA
2759

RAT NO. AND SEX	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
510 M	10.0	337	0.0	DECREASED LOCOMOTOR ACTIVITY DECREASED RESPIRATORY DEPTH DECREASED RESPIRATORY RATE DECREASED REARING FREQUENCY
			0.25	DECREASED LOCOMOTOR ACTIVITY RECLINES ALONG SIDE OF CAGE
			2	DECREASED LOCOMOTOR ACTIVITY RECLINES ALONG SIDE OF CAGE
			4	DECREASED LOCOMOTOR ACTIVITY RECLINES ALONG SIDE OF CAGE
			24	NORMAL

SEQUENTIAL RESPONSE TEST IN HOODED RATS

NUMBER OF REWARDS RESPONSES AND PER CENT ERRORS FOR FIVE MINUTE INTERVALS

CPND	RAT NO	PRE DOSE			15 MIN			2 HOUR			4 HOUR			24 HOUR		
		RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT
[REDACTED] 0.00MG/KG	517	22.	72.	61.	24.	77.	64.	24.	76.	63.	27.	86.	63.			
		26.	80.	66.	29.	88.	64.	26.	81.	64.	30.	93.	65.			
		29.	89.	66.	28.	85.	67.	30.	91.	66.	31.	96.	65.			
	MEAN	26.	80.	65.	27.	83.	65.	27.	83.	64.	29.	92.	64.			
[REDACTED] 1.00MG/KG	517	23.	74.	62.	2.	24.	25.	22.	71.	62.	28.	89.	63.	26.	85.	61.
		27.	89.	61.	0.	68.	19.	28.	87.	66.	27.	87.	62.	24.	82.	60.
		29.	93.	61.	5.	75.	31.	26.	84.	63.	27.	90.	61.	33.	110.	60.
	MEAN	26.	85.	61.	2.	56.	25.	25.	81.	64.	27.	89.	62.	28.	92.	60.
[REDACTED] 975 10.00MG/KG	518	29.	120.	48.	24.	119.	42.	32.	133.	48.	29.	131.	47.	20.	117.	39.
		25.	107.	50.	30.	136.	46.	31.	122.	51.	30.	127.	48.	31.	137.	45.
		13.	66.	44.	27.	123.	50.	16.	72.	44.	26.	107.	49.	21.	97.	46.
	MEAN	22.	98.	47.	27.	126.	46.	26.	109.	48.	28.	122.	48.	24.	117.	44.
[REDACTED] 0.00MG/KG	518	24.	147.	37.	25.	110.	48.	25.	83.	60.	28.	96.	58.			
		25.	109.	47.	34.	119.	58.	37.	112.	66.	28.	93.	60.			
		29.	117.	50.	27.	102.	53.	29.	92.	62.	18.	71.	55.			
	MEAN	26.	124.	44.	29.	110.	53.	30.	96.	63.	25.	87.	58.			

SEQUENTIAL RESPONSE TEST IN HOODED RATS

CPND	RAT NO	PRE DOSE		15 MIN			2 HOUR			4 HOUR			24 HOUR			
		RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT
2372 10.00MG/KG	518	20.	94.	46.	23.	88.	53.	20.	86.	48.	17.	77.	48.	16.	76.	46.
		22.	85.	52.	23.	89.	54.	19.	77.	51.	11.	53.	43.	23.	93.	49.
		23.	95.	49.	23.	96.	50.	23.	93.	49.	20.	83.	47.	22.	93.	47.
	MEAN	22.	91.	49.	23.	91.	52.	21.	85.	49.	16.	71.	46.	20.	87.	48.
0.00MG/KG	517	26.	88.	60.	26.	88.	60.	27.	89.	61.	26.	83.	63.			
		29.	97.	60.	27.	85.	65.	29.	95.	62.	27.	95.	60.			
		30.	98.	61.	24.	79.	59.	25.	78.	64.	34.	110.	63.			
	MEAN	28.	94.	60.	26.	84.	61.	27.	87.	62.	29.	96.	62.			
2413 1.60MG/KG	517	27.	92.	59.	28.	95.	59.	27.	93.	59.	24.	80.	61.	26.	90.	60.
		28.	94.	61.	31.	99.	63.	20.	66.	61.	15.	53.	58.	28.	92.	63.
		21.	74.	57.	24.	82.	59.	22.	77.	58.	18.	83.	51.	20.	71.	56.
	MEAN	25.	87.	59.	28.	92.	60.	23.	79.	59.	19.	72.	57.	25.	84.	60.
0.00MG/KG	516	28.	154.	38.	24.	80.	63.	27.	106.	51.	31.	114.	54.			
		30.	137.	46.	21.	72.	61.	17.	75.	45.	28.	110.	55.			
		37.	141.	52.	16.	50.	64.	23.	92.	50.	25.	103.	50.			
	MEAN	32.	144.	46.	20.	67.	63.	22.	91.	49.	28.	109.	53.			

SEQUENTIAL RESPONSE TEST IN HOODED RATS

CPND	RAT NO	NUMBER OF REWARDS RESPONSES AND PER CENT ERRORS FOR FIVE MINUTE INTERVALS														
		PRE DOSE		15 MIN			2 HOUR			4 HOUR			24 HOUR			
		RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT
2460 10.00MG/KG	516	34.	165.	42.	17.	74.	46.	19.	80.	49.	11.	60.	37.	34.	124.	55.
		38.	162.	48.	27.	100.	56.	33.	125.	53.	30.	109.	55.	41.	139.	59.
		42.	155.	54.	28.	93.	60.	34.	121.	55.	25.	92.	54.	36.	116.	62.
	MEAN	38.	161.	48.	24.	89.	54.	29.	109.	52.	22.	87.	49.	37.	126.	59.
2460 0.00MG/KG	518	19.	87.	44.	23.	102.	46.	16.	76.	47.	27.	110.	49.			
		25.	110.	50.	30.	128.	48.	30.	126.	51.	28.	101.	55.			
		29.	124.	48.	30.	124.	48.	25.	102.	51.	27.	106.	51.			
	MEAN	24.	107.	47.	28.	118.	47.	24.	101.	50.	27.	106.	52.			
2470 10.00MG/KG	518	21.	73.	64.	21.	75.	57.	25.	90.	59.	20.	69.	59.	18.	66.	58.
		33.	110.	60.	26.	85.	61.	13.	67.	49.	27.	86.	64.	13.	42.	62.
		25.	81.	62.	25.	74.	68.	18.	70.	56.	18.	52.	67.	17.	55.	64.
	MEAN	26.	88.	62.	24.	78.	62.	19.	76.	55.	22.	69.	64.	16.	54.	61.
2470 0.00MG/KG	525	26.	88.	65.	28.	86.	64.	31.	94.	66.	31.	98.	65.			
		33.	100.	67.	30.	99.	66.	33.	100.	65.	34.	105.	65.			
		35.	106.	66.	31.	94.	66.	35.	107.	65.	30.	91.	66.			
	MEAN	31.	98.	66.	30.	93.	65.	33.	100.	65.	32.	98.	65.			

SEQUENTIAL RESPONSE TEST IN HOODED RATS

CPND	RAT NO	PRE DOSE		15 MIN		2 HOUR		4 HOUR		24 HOUR						
		RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT	RWD	TOT	PCT			
2562 3.20MG/KG	525	32.	96.	67.	25.	80.	64.	29.	89.	66.	27.	87.	64.	28.	85.	66.
		32.	98.	66.	28.	85.	66.	27.	82.	66.	31.	93.	67.	23.	72.	64.
		27.	86.	64.	28.	81.	68.	16.	50.	64.	25.	84.	64.	27.	82.	66.
	MEAN	30.	93.	66.	27.	82.	66.	24.	74.	65.	28.	88.	65.	26.	80.	65.
0.00MG/KG	525	33.	100.	66.	19.	74.	64.	24.	75.	65.	19.	62.	63.			
		32.	105.	64.	25.	84.	65.	23.	74.	62.	16.	51.	63.			
		23.	80.	61.	21.	72.	61.	20.	69.	59.	10.	31.	68.			
	MEAN	29.	95.	64.	22.	77.	63.	22.	73.	62.	15.	48.	64.			
2607 10.00MG/KG	525	26.	87.	61.	2.	11.	36.	11.	39.	56.	22.	72.	61.	26.	79.	66.
		27.	84.	64.	0.	0.*		13.	44.	64.	18.	58.	66.	25.	79.	63.
		35.	107.	65.	0.	0.*		17.	50.	66.	7.	21.	67.	27.	84.	64.
	MEAN	29.	93.	64.	1.	6.*		14.	44.	62.	16.	50.	64.	26.	81.	64.
0.00MG/KG	514	36.	167.	43.	31.	108.	59.	15.	55.	55.	30.	100.	61.			
		36.	152.	47.	27.	93.	62.	17.	57.	60.	25.	84.	61.			
		20.	77.	51.	16.	60.	55.	29.	92.	64.	26.	86.	60.			
	MEAN	31.	132.	47.	25.	87.	59.	20.	68.	59.	27.	90.	61.			

SEQUENTIAL RESPONSE TEST IN HOODED RATS

CPND	RAT NO	PRE DOSE		15 MIN			2 HOUR			4 HOUR			24 HOUR			
		RWD TOT	PCT	RWD TOT	PCT	RWD TOT	PCT	RWD TOT	PCT	RWD TOT	PCT	RWD TOT	PCT			
2759 10.00MG/KG	514	37.	128.	58.	0.	0.*	27.	88.	61.	26.	87.	61.	21.	184.	23.	
		41.	137.	60.	0.	1.	0.	12.	41.	59.	29.	94.	62.	22.	182.	25.
		41.	135.	61.	8.	26.	62.	0.	0.*	3.	11.	55.	24.	147.	33.	
	MEAN	40.	133.	59.	3.	9.*	20.	65.	60.	19.	64.	59.	22.	171.	27.	

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

PEG-300 100% (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
44 F		2.50	0.0	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.4 QUIET CALM BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL NOSE COOL AND MOIST PRE-DOSE (SAME DAY)
			0.1	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.7 NOSE WARM AND MOIST NOSE REDDISH NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.6 NOSE WARM AND MOIST NOSE NORMAL PINK NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.0	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

PEG-300 100% (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
44 F		2.50	2.0	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.5 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.0	HEART RATE 96 BEATS/MINUTE RESPIRATIONS PER MINUTE 84 BODY TEMPERATURE C 38.3 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			23.6	HEART RATE 140 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.0 NOSE COOL AND MOIST BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

1356 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
32 M	5.6	3.43	0.0	HEART RATE 168 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 39.2 NO DIARRHEA BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL LEAN PRE-DOSE (SAME DAY)
			0.2	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 39.2 TAIL LASH NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.6	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.9 TAIL LASH NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.8	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.7 SLIGHT DIARRHEA WITH CLEAR MUCUS SKIN TWITCHING ON FLANKS TAIL LASH NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION

SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

1356 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
32 M	5.6		2.9	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 96 BODY TEMPERATURE C 38.6 TAIL LASH SKIN TWITCHING ON FLANKS NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.7	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.7 TAIL LASH NO SKIN TWITCH NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			22.0	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 37.7 NO SKIN TWITCH BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2367 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
55 F	5.0	1.87	0.0	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.7 NOSE COOL AND MOIST CALM ALERT BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.2 NOSE WARM AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.7	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.6 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.8	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.5 REDUCED ANAL TENSION DEFECATION RIGHT AFTER TEMPERATURE TAKEN DEFECATION WITH CLEAR MUCUS NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SUSPENSION - METHYLCELLULOSE 0.5%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2367 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
55 F	5.0		3.0	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.8 NOSE COOL AND MOIST REDUCED ANAL TENSION NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.6	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.5 NOSE WARM AND MOIST REDUCED ANAL TENSION NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			21.0	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.2 NOSE COOL AND MOIST ANAL TENSION BETTER BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL
				SUSPENSION - METHYLCELLULOSE 0.5%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2516 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
39 F	10.0	2.81	0.0	HEART RATE 108 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.4 NOSE COOL AND MOIST CALM BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 78 BODY TEMPERATURE C 38.3 NOSE WARM AND MOIST SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.0 NOSE WARM AND DRY SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.9	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 37.9 NOSE WARM AND DRY SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
SUSPENSION - STEROID DILUENT				

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2516 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
39 F	10.0		2.0	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.2 NOSE COOL AND MOIST SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.1	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.4 NO PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			23.8	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 HEARTBEAT WEAKER NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SUSPENSION - STEROID DILUENT

PHYSIOLOGICAL AND NEUROLOGICAL EXAMINATION OF CATS

2531 (I-)

O.	DOSE	WT.	TIME	OBSERVATIONS
EX	MG/KG	KG.	HOURS	
F	11.2	2.88	0.0	HEART RATE 96 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.1 NOSE COOL AND MOIST QUIET CALM BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 114 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.7 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.6	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.7 NOSE WARM AND DRY TENDED TO CURL LEFT WRIST ON LYING (WAS DOSED IN RT. ARM ONLY) NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.1	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.7 NOSE COOL AND MOIST NEUROLOGICAL TESTS NORMAL NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
SUSPENSION - STEROID DILUENT				

PHYSICAL AND NEUROLOGIC EXAMINATION OF CATS

5071 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
32 M	5.0		2.9	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.9 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.4	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.5 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			21.6	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.8 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SUSPENSION - STEROID DILUENT

2531 (I-V)

CAT NO.	DOSE	WT.	TIME	OBSERVATIONS
AND SEX	MG/KG	KG.	HOURS	
39 F	11.2		2.1	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 40 BODY TEMPERATURE C 38.5 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.0	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.4 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			24.6	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.2 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SUSPENSION - STEROID DILUENT

CAT No.	DOSE	WT.	TIME	OBSERVATIONS
AND SEX	MG/KG	KG.	HOURS	
64 F	0.28	3.36	0.0	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.4 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 39.0 NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.9 NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.0	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.7 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL SOLUTION - HYDROCHLORIC ACID 0.1 N, QS WITH DISTILLED WATER

2598 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
64 F	0.28	3.36	2.1	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.3 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL. NEUROLOGICAL TESTS NORMAL
			3.9	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 78 BODY TEMPERATURE C 38.9 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL
			5.4	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 84 BODY TEMPERATURE C 39.0 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL
			21.6	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.7 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL SOLUTION - HYDROCHLORIC ACID 0.1 N, QS WITH DISTILLED WATER

2598 (I-V)

CAT NO.	DOSE	WT.	TIME	OBSERVATIONS
AND SEX	MG/KG	KG.	HOURS	
44 F	2.8	2.27	0.0	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 39.2 NOSE COOL AND MOIST CALM ACTIVE BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL. NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 39.2 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 90 BODY TEMPERATURE C 38.9 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.9	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 90 BODY TEMPERATURE C 38.5 NOSE WARM AND MOIST PUPILS SLIGHTLY DILATED PUPILLARY REFLEX INCOMPLETE SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION

SOLUTION - HYDROCHLORIC ACID 0.1 N, QS WITH DISTILLED WATER

2598 (I-V)

CAT NO.	DOSE	WT.	TIME	OBSERVATIONS
AND SEX	MG/KG	KG.	HOURS	
44 F	2.8		2.1	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.8 NOSE WARM AND MOIST PUPILS SLIGHTLY DILATED PUPILLARY REFLEX NORMAL SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.1	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.4 NOSE COOL AND MOIST PUPILS SLIGHTLY DILATED SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			23.8	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.3 PUPILS SLIGHTLY DILATED PUPILLARY REFLEX NORMAL BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL

SOLUTION - HYDROCHLORIC ACID 0.1 N, QS WITH DISTILLED WATER

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
32 M	3.6	3.46	0.0	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 39.0 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 39.2 HEARTBEAT STRONG NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.9 NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SKIN TWITCHING ON FLANKS
			1.0	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.6 TAIL LASH SLIGHTLY TENSE SKIN TWITCHING ON FLANKS NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SUSPENSION - STEROID DILUENT

2717 (I-V)

CAT NO.	DOSE	WT.	TIME	OBSERVATIONS
AND SEX	MG/KG	KG.	HOURS	
32 M	3.6	3.46	2.2	HEART RATE 168 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.5 TAIL LASH LESS TENSE NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.8	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.5 NICTITATING MEMBRANE SLIGHTLY RELAXED BEHAVIOR AND APPEARANCE - OTHERWISE ABOUT SAME NEUROLOGICAL TESTS NORMAL
			22.6	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 84 BODY TEMPERATURE C 38.5 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL SUSPENSION - STEROID DILUENT

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
53 F	4.5	2.70	0.0	HEART RATE 180 BEATS/MINUTE RESPIRATIONS PER MINUTE 90 BODY TEMPERATURE C 38.9 NO PHOTOPHOBIA CALM RESTING NORMALLY IN CAGE BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.1	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 78 BODY TEMPERATURE C 38.9 SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 84 BODY TEMPERATURE C 38.7 SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.9	RESPIRATIONS PER MINUTE 90 BODY TEMPERATURE C 38.7 SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SUSPENSION - STEROID DILUENT

2778 (I-V)

CAT NO.	DOSE	WT.	TIME	OBSERVATIONS
AND SEX	MG/KG	KG.	HOURS	
53 F	4.5	2.70	2.3	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 90 BODY TEMPERATURE C 39.0 SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.7	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 90 BODY TEMPERATURE C 39.4 SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			22.5	RESPIRATIONS PER MINUTE 84 BODY TEMPERATURE C 39.2 SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SUSPENSION - STEROID DILUENT

2867 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
55 F	2.0	1.96	0.0	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.3 NOSE COOL AND MOIST BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.4 NOSE WARM AND DRY NICTITATING MEMBRANE SLIGHTLY RELAXED REDUCED ANAL TENSION NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.6	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.3 NOSE WARM AND MOIST NICTITATING MEMBRANE SLIGHTLY RELAXED REDUCED ANAL TENSION NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.6	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.3 NOSE COOL AND MOIST NICTITATING MEMBRANE IN NORMAL POSITION

SOLUTION - DISTILLED WATER

2867 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
55 F	2.0		3.3	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.2 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.8	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.4 ANAL TENSION BETTER BEHAVIOR AND APPEARANCE - OTHERWISE NORMAL
			21.1	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 50 BODY TEMPERATURE C 37.8 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL SOLUTION - DISTILLED WATER

2897 (I-V)

CAT NO.	DOSE	WT.	TIME	OBSERVATIONS
AND SEX	MG/KG	KG.	HOURS	
39 F	10.0	2.75	0.0	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 37.9 NOSE COOL AND MOIST QUIET CALM BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.1	HEART RATE 72 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.1 NOSE WARM AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 90 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.0 NOSE COOL AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.0	HEART RATE 108 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.1 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION

SUSPENSION - STEROID DILUENT

2897 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
39 F	10.0		2.0	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 NOSE COOL AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.1	HEART RATE 108 BEATS/MINUTE RESPIRATIONS PER MINUTE 32 BODY TEMPERATURE C 38.6 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.3	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.5 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			22.0	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.0 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2935 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
5 F	4.5		4.1	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 37.9 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			20	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.3 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

2607 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B	47		3.0	THIRD DOSING
			3.2	SHUTTLED ON LIGHT CUE
			3.4	RESPIRATIONS PER MINUTE 96 PUPILS NORMAL IN SIZE AND REACTION TO LIGHT SHUTTLED ON LIGHT CUE
			4.0	RESPIRATIONS PER MINUTE 102 SHUTTLED ON LIGHT CUE APPEARANCE AND BEHAVIOR NORMAL
			5.5	RESPIRATIONS PER MINUTE 90 SHUTTLED ON LIGHT CUE NO CHANGES
				SUSPENSION - 0.5% METHYL CELLULOSE

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

[REDACTED] 2607 (I-M)


MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B.		853	0.0	RESPIRATIONS PER MINUTE 90 PRE-DOSE (SAME DAY)
	1.0		0.2	SHUTTLED ON LIGHT CUE APPEARANCE OTHERWISE NORMAL
	9.0		1.0	SECOND DOSING
			1.1	SHUTTLED ON LIGHT CUE
			1.3	RESPIRATIONS PER MINUTE 120 NO CHANGES
			2.1	RESPIRATIONS PER MINUTE 96 SHUTTLED ON LIGHT CUE WAS RETURNED TO HOME CAGE WITH OTHER MONKEYS APPEARANCE AND BEHAVIOR NORMAL
				SUSPENSION - 0.5% METHYL CELLULOSE

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

2607 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B.		853	0.0	RESPIRATIONS PER MINUTE 90 PRE-DOSE (SAME DAY)
	1.0		0.2	SHUTTLED ON LIGHT CUE APPEARANCE OTHERWISE NORMAL
	9.0		1.0	SECOND DOSING
			1.1	SHUTTLED ON LIGHT CUE
			1.3	RESPIRATIONS PER MINUTE 120 NO CHANGES
			2.1	RESPIRATIONS PER MINUTE 96 SHUTTLED ON LIGHT CUE WAS RETURNED TO HOME CAGE WITH OTHER MONKEYS APPEARANCE AND BEHAVIOR NORMAL
				SUSPENSION - 0.5% METHYL CELLULOSE

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

 2759 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
A	67	773	0.3	SHUTTLED ON LIGHT CUE APPEARANCE AND BEHAVIOR NORMAL
			0.5	SHUTTLED ON LIGHT CUE APPEARANCE AND BEHAVIOR NORMAL
			1.0	SHUTTLED ON LIGHT CUE APPEARANCE AND BEHAVIOR NORMAL
			1.5	SHUTTLED ON LIGHT CUE APPEARANCE AND BEHAVIOR NORMAL
			2.0	SHUTTLED ON LIGHT CUE APPEARANCE AND BEHAVIOR NORMAL
			2.5	SHUTTLED ON LIGHT CUE APPEARANCE AND BEHAVIOR NORMAL
				SUSPENSION - 0.5% METHYL CELLULOSE

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

2759 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
A		805	0.0	HEART RATE 325 BEATS/MINUTE RESPIRATIONS PER MINUTE .64 APPEARANCE AND BEHAVIOR NORMAL PRE-DOSE (SAME DAY)
	10.0		0.1	SHUTTLED ON LIGHT CUE INCREASED LOCOMOTOR ACTIVITY
			0.5	HEART RATE 320 BEATS/MINUTE SITTING QUIETLY SHUTTLED ON LIGHT CUE
			0.6	RESPIRATIONS PER MINUTE 96 PUPILS NORMAL IN SIZE AND REACTION TO LIGHT
	22.36		2.0	SECOND DOSING
			2.3	SHUTTLED ON LIGHT CUE
			3.3	RESPIRATIONS PER MINUTE 80 PUPILS NORMAL IN SIZE AND REACTION TO LIGHT APPEARANCE AND BEHAVIOR NORMAL IN HOME CAGE
SUSPENSION - 0.5% METHYL CELLULOSE				

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

(I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B	1.0	840	0.1	RESPIRATIONS PER MINUTE 72 GENERALLY IMMOBILE GRASPING REFLEX WEAK RIGHTING REACTION WEAK FINE TREMORS IN LEGS FOLLOWED BY GROSSER TREMORS ALL OVER
			0.2	ERRATIC LATERAL AND UP-DOWN HEAD MOVEMENTS
			0.6	RESPIRATIONS PER MINUTE 66 ONE DEEP RESPIRATION ALTERNATING WITH ONE SHALLOW RESPIRATION HAD CRAWLED OUT OF BLANKET WRAPPED ABOUT HIM ON 4 FEET SWAYING UNSTEADILY FROM SIDE TO SIDE DECREASED EQUILIBRIUM EASILY HANDLED GRASPING REFLEX INTACT RESPONSIVE TO VISUAL STIMULI NO RESPONSE TO SOUND
			2	ON CASUAL OBSERVATION TOXIC SIGNS DECREASING REDUCED MOTOR ACTIVITY
			3.5	RESPONSIVE TO SOUND RAN TO HOME CAGE TO JOIN OTHER MONKEY SPONTANEOUS MOTOR ACTIVITY SLOW AND HALTING APPEARANCE OTHERWISE NORMAL

SOLUTION - 0.9% SALINE

DOMINANCE BEHAVIOR OF SQUIRREL MONKEYS

Group	Monkey No.	Dosage Level mg/kg	Reinforcement	Time (hrs)	No. of Trials	SHUTTLE ORDER					
						First			Last		
						G	T	R	G	T	R
1172	T	100 I.M.	Neg.	Control* (Mean 8 tests)	15	13.0	0.8	1.1	0.5	11.0	3.3
			Neg.	0.5 - 1.2	15	14	0	1	0	14	1
			Neg.	24	15	14	0	1	1	13	1
			Pos.	Control* (Mean 7 tests)	15	14.7	0	0.1	0	8.9	6
			Pos.	1.4 - 1.7 and 2.6 - 3.5	15	15	0	0	0	15	0
			Pos.	25	15	15	0	0	0	14	1
			Pos.								
1900	G	3.0 I.M.	Neg.	Pre-dose	15	15	0	0	0	15	0
			Neg.	0.2 - 1.1	15	5	0	10	0	15	0
			Neg.	4.8 - 5.4	15	14	0	1	0	15	0
			Neg.	23	15	15	0	0	0	15	0
			Pos.	Pre-dose	15	15	0	0	0	15	0
			Pos.	1.7 - 2.1	15	15	0	0	0	14	1
			Pos.	5.4 - 6.1	15	15	0	0	0	14	1
2100	G	3.2 I.M.	Neg.	Pre-dose	12	12	0	0	0	11	1
			Neg.	0.3 - 0.8	12	1	1	10	8	4	0
			Neg.	4.1 - 4.6	12	12	0	0	0	11	1
			Pos.	Pre-dose	12	12	0	0	0	10	2
			Pos.	4.7 - 5.3	12	11	0	1	1	11	0
			Pos.	23.5	12	12	0	0	0	9	3
			Pos.								
2100	G	1.0 I.M.	Neg.	Pre-dose	15	14	0	1	0	15	0
			Neg.	0.2 - 0.8	15	14	0	1	0	15	0
			Neg.	4.5 - 5.0	15	15	0	0	0	15	0
			Neg.	24	15	15	0	0	0	15	0
			Pos.	Pre-dose	15	15	0	0	0	13	2
			Pos.	1.0 - 1.7	15	15	0	0	0	12	3
			Pos.								

DOMINANCE BEHAVIOR OF SQUIRREL MONKEYS (Contd)

Bound No.	Monkey No.	Dosage Level mg/kg	Reinforce-ment	Time (hrs)	No. of Trials	SHUTTLE ORDER								
						First			Last					
						G	T	R	G	T	R			
2598	G	3.0 I.M.	Neg.	Pre-dose	15	15	0	0	0	15	0			
			Neg.	0.3 - 1.0	15	15	0	0	0	15	0			
			Neg.	4.9 - 5.5	15	15	0	0	0	13	2			
			Neg.	22.5	15	15	0	0	0	14	1			
			Pos.	Pre-dose	15	15	0	0	0	14	1			
			Pos.	1.2 - 1.9	15	15	0	0	0	12	3			
			Pos.	5.5 - 6.1	15	15	0	0	0	13	2			
			Pos.	23.5	15	15	0	0	0	11	4			
			2607	G	60.0 I.M.	Neg.	Pre-dose	15	15	0	0	0	14	1
						Neg.	0.8 - 1.1	15	15	0	0	0	15	0
Neg.	5.1 - 5.7	15				15	0	0	0	15	0			
Neg.	23.5	15				15	0	0	0	15	0			
Pos.	Pre-dose	15				15	0	0	0	15	0			
Pos.	1.6 - 2.3	15				15	0	0	0	14	1			
Pos.	5.7 - 6.3	15				15	0	0	0	15	0			
Pos.	24	15				15	0	0	0	15	0			
2759	R	30.0 I.M.				Neg.	Pre-dose	15	15	0	0	0	14	1
						Neg.	0.1 - 0.7	15	15	0	0	0	15	0
			Neg.	4.6 - 5.0	10	9	1	0	0	8	2			
			Neg.	22.5	15	15	0	0	0	14	1			
			Pos.	Pre-dose	15	15	0	0	0	14	1			
			Pos.	0.9 - 1.2										
			Pos.	and 2.0 - 2.4	15	15	0	0	0	10	5			
			Pos.	5.0 - 5.4	10	10	0	0	0	9	1			
			Pos.	23	15	15	0	0	0	10	5			

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2935 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
3 F	4.5	1.91	0.0	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 37.7 NEUROLOGICAL TESTS NORMAL BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NOSE COOL AND MOIST PRE-DOSE (SAME DAY)
			0.2	HEART RATE 108 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.2 NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.7	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.3 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.9	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.1 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2963 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
9 F	10.0	2.82	0.0	HEART RATE 168 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 37.9 NOSE COOL AND MOIST NO PHOTOPHOBIA BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.3 NOSE WARM AND DRY SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.6	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 30 BODY TEMPERATURE C 38.2 NOSE COOL AND DRY SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.0	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.3 NOSE COOL AND DRY SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - ASCORBIC ACID 30%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2963 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
9 F	10.0		2.1	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.0 NOSE COOL AND DRY SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			3.9	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.3 NOSE COOL AND DRY SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.3	RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.5 HEARTBEAT DIFFICULT TO DETECT NOSE COOL AND DRY NO PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			21.5	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 30 BODY TEMPERATURE C 37.9 NOSE COOL AND MOIST NO PHOTOPHOBIA BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL

SOLUTION - ASCORBIC ACID 3.0%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2984 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
4 F	6.3	3.15	0.0	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.6 CALM BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.4 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.6	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.7 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.4	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.6 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2984 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
4	F	6.3	2.8	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 78 BODY TEMPERATURE C 38.8 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.0	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.5 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			21.2	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.0 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
SUSPENSION - STEROID DILUENT				

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2994 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
3 F	20.0	2.72	0.0	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 78 BODY TEMPERATURE C 37.8 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.1	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.5 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.5 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.0	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.4 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
SOLUTION - POLYETHYLENE GLYCOL-300 100%				

PHYSICAL AND NEUROLOGICAL EVALUATION OF CATS

2994 (I-V)

EX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
F	20.0	2.72	2.0	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.1 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.0	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 84 BODY TEMPERATURE C 38.5 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			26.2	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 84 BODY TEMPERATURE C 38.7 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
SOLUTION - POLYETHYLENE GLYCOL-300 100%				


PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2995 (1-77)

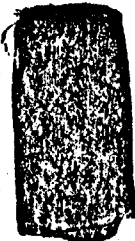
NO.	DOSE	WT.	TIME	OBSERVATIONS	
SEX	MG/KG	KG.	HOURS		
2	M	2.5	3.52	0.0	HEART RATE 150 BEATS/MINUTE. RESPIRATIONS PER MINUTE 66. BODY TEMPERATURE C 38.3 LEAN ALERT CALM SLIGHT TAIL LASH SLIGHT SKIN TWITCH NEUROLOGICAL TESTS NORMAL BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL PRE-DOSE (SAME DAY)
				0.2	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 68 BODY TEMPERATURE C 38.4 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				0.6	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.7 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				1.0	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.8 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION

SOLUTION - POLYETHYLENE GLYCOL-300 100%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

 2985 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
2	M	2.5	2.0	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.7 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.0	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.3 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			26.2	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 30 BODY TEMPERATURE C 38.4 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
SOLUTION - POLYETHYLENE GLYCOL-300 100%				



PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2999 (I)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
3 F	2.5	2.78	0.0	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 75 BODY TEMPERATURE C 38.6 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.1	HEART RATE 168 BEATS/MINUTE RESPIRATIONS PER MINUTE 102 BODY TEMPERATURE C 38.6 NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	RESPIRATIONS PER MINUTE 96 BODY TEMPERATURE C 38.6 HEARTBEAT DIFFICULT TO DETECT NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.5	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 90 BODY TEMPERATURE C 38.7 HEARTBEAT DIFFICULT TO DETECT NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5026 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
5 F	11.2	2.06	0.0	HEART RATE 108 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.1 NOSE COOL AND MOIST BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL
			0.1	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.0 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.0 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.0	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.1 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - POLYETHYLENE GLYCOL-300 100%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

2999 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
3 F	2.5		3.0	HEART RATE 168 BEATS/MINUTE RESPIRATIONS PER MINUTE 90 BODY TEMPERATURE C 38.8 HEARTBEAT DIFFICULT TO DETECT NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.0	RESPIRATIONS PER MINUTE 84 BODY TEMPERATURE C 38.9 HEARTBEAT DIFFICULT TO DETECT NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			25.0	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 78 BODY TEMPERATURE C 38.8 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5026 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
3 F	11.2		2.5	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.0 NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.1	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.0 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			26.0	HEART RATE 114 BEATS/MINUTE RESPIRATIONS PER MINUTE 40 BODY TEMPERATURE C 38.0 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - POLYETHYLENE GLYCOL-300 100%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5031 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
2 F	12.5	2.04	0.0	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 24 BODY TEMPERATURE C 37.9 NOSE COOL AND MOIST RESTING NORMALLY IN CAGE CALM ALERT BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.1	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.5 SLIGHTLY MORE NERVOUS NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.5 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL NOSE COOL AND MOIST
SOLUTION - POLYETHYLENE GLYCOL-300 100%				

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5031 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
2 F	12.5		1.0	HEART RATE 140 BEATS/MINUTE RESPIRATIONS PER MINUTE 40 BODY TEMPERATURE C 38.4 NOSE COOL AND DRY SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			2.5	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.2 NOSE COOL AND DRY SLIGHT PHOTOPHOBIA NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.1	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.4 SLIGHT PHOTOPHOBIA NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			25.7	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.1 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL NO PHOTOPHOBIA

SOLUTION - POLYETHYLENE GLYCOL-300 100%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5058 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
F	3.6	3.24	0.0	HEART RATE 168 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.2 NOSE COOL AND MOIST CALM QUIET BEHAVIOR, GENERAL APPEARANCE, AND CONDITION = NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.0	IMMEDIATELY AFTER DOSING UNCONSCIOUS RESPIRATORY RATE ABOUT NORMAL BREATHING DEEP
			0.05	UNCONSCIOUS ENURESIS PUPILS DILATED EXTENSION OF FRONT LIMBS FLEXOR REFLEXES ABSENT NO SIGN OF DEEP OR PERIPHERAL SENSATION OTHER TESTS NOT DONE AT THIS TIME
				SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5058 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
4 F	3.6		0.1	<p>AWAKE PUPILS SLIGHTLY DILATED PUPILLARY REFLEX NORMAL PROSTRATE - COULD NOT STAND DEEP AND PERIPHERAL SENSATION PRESENT FLEXOR REFLEXES NORMAL EXTENSOR THRUST REFLEXES ABSENT, HIND LIMBS RIGHTING REACTIONS FAIR PLACING REACTION WITH VISION - POOR TONIC NECK REFLEXES NOT TESTED CORNEAL REFLEX ABSENT OTHER NEUROLOGICAL TESTS NORMAL</p>
			0.2	<p>RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.2 HEARTBEAT TOO WEAK TO COUNT NOSE WARM AND MOIST REDUCED ANAL TENSION PUPILS NORMAL IN SIZE AND REACTION</p>
			0.35	<p>CAT COULD STAND</p>
			0.6	<p>HEART RATE 114 BEATS/MINUTE RESPIRATIONS PER MINUTE 90 BODY TEMPERATURE C 38.2 NOSE COOL AND MOIST</p>

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5058 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
4 F	3.6		1.3	HEART RATE 114 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.3 QUIET IN CAGE ACTIVITY DURING EXAMINATION INCREASED NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION NEUROLOGICAL TESTS NORMAL
			2.9	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.5 ANAL TENSION BETTER NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.4	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.5 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			21.9	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.3 BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5059 (I-V)

NO.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
52 F	16.0	1.97	0.0	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 37.3 NOSE COOL AND MOIST CALM BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 37.8 NOSE COOL AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.6	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 37.8 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.0	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.0 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
SUSPENSION - STEROID DILUENT				

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5059 (I-V)

No.	DOSE	WT.	TIME	OBSERVATIONS
SEX	MG/KG	KG.	HOURS	
2 F	16.0		2.5	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 37.8 NOSE COOL AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.6	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.0 NOSE COOL AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			24.6	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.0 NOSE COOL AND MOIST BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5071 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
32 M	5.0	3.46	0.0	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 39.0 NOSE COOL AND MOIST LEAN SLIGHTLY TENSE CALM QUIET BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.1	APPEARED NORMAL ON CASUAL OBSERVATION
			0.6	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.7 NOSE COOL AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.3	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.8 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SUSPENSION - STEROID DILUENT

5092 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
66 F	32.0	1.57	0.0	HEART RATE 150 BEATS/MINUTE BODY TEMPERATURE C 39.7 CAT SMALL AND LEAN CALM MODERATELY ACTIVE NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 39.4 SOME OF DOSE INJECTED SUBCUTANEOUS, INSTEAD OF IN VEIN SUBCUTANEOUS DOSE STILL PRESENT UNDER SKIN NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 39.7 SUBCUTANEOUS DOSE NOW ALL ABSORBED NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.6	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 39.7 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5092 (I-V)

CAT No.	DOSE	WT.	TIME	OBSERVATIONS
AND SEX	MG/KG	KG.	HOURS	
66 F	32.0	1.57	2.3	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 40.3 NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.0	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 56 BODY TEMPERATURE C 40.0 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			20.3	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 50 BODY TEMPERATURE C 39.6 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5104 (I-M)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
44 F	10.0	2.52	0.0	HEART RATE 114 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.5 NOSE COOL AND MOIST BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 39.4 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 108 BODY TEMPERATURE C 39.1 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.4	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.6 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - POLYETHYLENE GLYCOL-300 100%

PHYSICAL AND NEUROLOGIC EXAMINATION OF CATS

5104 (I-M)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
44 F	10.0		3.2	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.5 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.3	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 102 BODY TEMPERATURE C 38.4 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			25.0	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 96 BODY TEMPERATURE C 38.3 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - POLYETHYLENE GLYCOL-300 100%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5143 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
52 F	5.6	2.17	0.0	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 37.9 NOSE COOL AND MOIST BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.4 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 96 BODY TEMPERATURE C 38.3 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.6	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.4 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGIC EXAMINATION OF CATS

5143 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
52 F	5.6		3.2	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.2 NOSE COOL AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.7	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.7 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SOLUTION - DISTILLED WATER
55 F	5.6	1.87	0.0	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 37.7 NOSE COOL AND MOIST CALM BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0	SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

5143 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
55 F	5.6		0.2	HEART RATE 96 BEATS/MINUTE RESPIRATIONS PER MINUTE 90 NOSE WARM AND DRY NICTITATING MEMBRANE SLIGHTLY RELAXED NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.3 NOSE COOL AND MOIST NICTITATING MEMBRANE IN NORMAL POSITION
			1.0	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 38.2 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			2.4	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 37.8 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.5	HEART RATE 114 BEATS/MINUTE RESPIRATIONS PER MINUTE 30 BODY TEMPERATURE C 37.9 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			24.5	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 37.9 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION

SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGIC EXAMINATION OF CATS

5145 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
39 F	2.0	2.90	0.0	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.2 NOSE COOL AND MOIST BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.4 NOSE COOL AND MOIST NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.8	HEART RATE 114 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.7 NOSE WARM AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.4	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.8 NOSE WARM AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - POLYETHYLENE GLYCOL-300 100%

PHYSICAL AND NEUROLOGIC EXAMINATION OF CATS

5145 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
39 F	2.0		2.4	HEART RATE 108 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.4 NOSE COOL AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.0	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.5 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			25.7	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 30 BODY TEMPERATURE C 37.9 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - POLYETHYLENE GLYCOL-300 100%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

8658-53 (V)

CAT NO. AND SEX	DOSE, MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
55 F	27	2.00	0.0	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 42 BODY TEMPERATURE C 38.3 NOSE COOL AND MOIST QUIET CALM BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.1	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.7 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 120 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.6 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.4	HEART RATE 138 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.8 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SOLUTION - POLYETHYLENE GLYCOL-300 100%

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

8658-53 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
55 F	27		2.7	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 36 BODY TEMPERATURE C 38.5 REDUCED ANAL TENSION NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.7	HEART RATE 114 BEATS/MINUTE RESPIRATIONS PER MINUTE 27 BODY TEMPERATURE C 38.0 REDUCED ANAL TENSION NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			22.0	HEART RATE 132 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.2 ANAL TENSION BETTER BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL
SOLUTION - POLYETHYLENE GLYCOL-300 100%				

PHYSICAL AND NEUROLOGIC EXAMINATION OF CATS

8658-91 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
64 F	3.2	3.10	0.0	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.3 NOSE COOL AND MOIST CALM BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.2	HEART RATE 150 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 BODY TEMPERATURE C 38.8 NOSE WARM AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.5	HEART RATE 114 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.8 NOSE WARM AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.0	HEART RATE 96 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 BODY TEMPERATURE C 38.5 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGICAL EXAMINATION OF CATS

8658-91 (I-V)

CAT NO.	DOSE	WT.	TIME	OBSERVATIONS
AND SEX	MG/KG	KG.	HOURS	
64 F	3.2	3.10	2.0	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 66 BODY TEMPERATURE C 39.0 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.1	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.8 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			5.3	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 54 BODY TEMPERATURE C 38.7 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			22.2	HEART RATE 162 BEATS/MINUTE RESPIRATIONS PER MINUTE 60 BODY TEMPERATURE C 38.4 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
				SUSPENSION - STEROID DILUENT

PHYSICAL AND NEUROLOGIC EXAMINATION OF CATS

8698-59 (I-V)

CAT NO. AND SEX	DOSE MG/KG	WT. KG.	TIME HOURS	OBSERVATIONS
36 M	2.8	4.7	0.0	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 48 NOSE COOL AND MOIST BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL PRE-DOSE (SAME DAY)
			0.1	HEART RATE 96 BEATS/MINUTE RESPIRATIONS PER MINUTE 84 NOSE WARM AND MOIST HEARTBEAT DIFFICULT TO DETECT NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			0.6	HEART RATE 126 BEATS/MINUTE RESPIRATIONS PER MINUTE 78 NOSE COOL AND DRY NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			1.9	HEART RATE 156 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 NOSE COOL AND MOIST NO OTHER CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			4.1	HEART RATE 144 BEATS/MINUTE RESPIRATIONS PER MINUTE 72 NO CHANGES NOTED IN PHYSICAL AND NEUROLOGICAL CONDITION
			20	RESPIRATIONS PER MINUTE 42 HEARTBEAT DIFFICULT TO DETECT BEHAVIOR, GENERAL APPEARANCE, AND CONDITION - NORMAL NEUROLOGICAL TESTS NORMAL
SUSPENSION - STEROID DILUENT				

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

1172 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
A		825	0.0	RESPIRATIONS PER MINUTE 78 APPEARANCE AND BEHAVIOR NORMAL PUPILS NORMAL IN SIZE AND REACTION TO LIGHT PRE-DOSE (SAME DAY)
	1.8		0.4	SHUTTLED ON LIGHT CUE APPEARANCE AND BEHAVIOR NORMAL
			0.8	APPEARANCE AND BEHAVIOR NORMAL
	4.85		0.9	SECOND DOSING
			1.0	INCREASED LOCOMOTOR ACTIVITY EYES APPEAR MORE ALERT THAN USUAL SKIN OF FACE PALER, MORE LIKE THAT OF OTHER MONKEYS FACE APPEARED MORE RELAXED AND HEALTHY
			1.2	RESPIRATIONS PER MINUTE 66 PUPILS NORMAL IN SIZE AND REACTION TO LIGHT
			1.3	RAN TO HOME CAGE TO JOIN OTHER MONKEY INCREASED LOCOMOTOR ACTIVITY
			2.5	RESPIRATIONS PER MINUTE 60 APPEARANCE AND BEHAVIOR NORMAL APPEARANCE OF ALERTNESS IN EYES SUBSIDED TO NORMAL SKIN OF FACE DARK, AS USUAL
				SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

1172 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
T	10.0	609	0.0	HEART RATE 320 BEATS/MINUTE RESPIRATIONS PER MINUTE 78 APPEARANCE AND BEHAVIOR NORMAL EXCITABLE ON HANDLING PUPILS NORMAL IN SIZE AND REACTION TO LIGHT PRE-DOSE (SAME DAY)
			2.6	EMESIS
			3.0	HEART RATE 280 BEATS/MINUTE RESPIRATIONS PER MINUTE 78 SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

1402 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B.	1.0	850	0.0	HEART RATE 240 BEATS/MINUTE RESPIRATIONS PER MINUTE 84 PUPILS NORMAL IN SIZE AND REACTION TO LIGHT PRE-DOSE (SAME DAY)
			0.2	APPEARANCE AND BEHAVIOR NORMAL
			0.5	APPEARANCE AND BEHAVIOR NORMAL SHUTTLED ON LIGHT CUE
			1.1	RESPIRATIONS PER MINUTE 48 APPEARANCE AND BEHAVIOR NORMAL SHUTTLED ON LIGHT CUE
			17.3	APPEARANCE AND BEHAVIOR NORMAL SOLUTION - 0.9% ASCORBIC ACID

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

[REDACTED] 1402 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B	4.0	850	0.0	HEART RATE 240 BEATS/MINUTE RESPIRATIONS PER MINUTE 96 PUPILS NORMAL IN SIZE AND REACTION TO LIGHT PRE-DOSE (SAME DAY) DOSED ONE DAY AFTER NEXT LOWER DOSING
			0.2	APPEARANCE AND BEHAVIOR NORMAL SHUTTLED SPONTANEOUSLY
			0.5	APPEARANCE AND BEHAVIOR NORMAL SHUTTLED ON LIGHT CUE
			1.1	APPEARANCE AND BEHAVIOR NORMAL SHUTTLED ON LIGHT CUE
			2.0	APPEARANCE AND BEHAVIOR NORMAL SHUTTLED ON LIGHT CUE
			5.0	APPEARANCE AND BEHAVIOR NORMAL SHUTTLED ON LIGHT CUE
			23	IN HOME CAGE SLIGHT TREMORS CONSTANT LOCOMOTOR ACTIVITY ALONE IN SHUTTLE BOX CONSTANT LOCOMOTOR ACTIVITY SHUTTLED SPONTANEOUSLY 15 TIMES / MINUTE

SOLUTION - 1.0% ASCORBIC ACID

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

1402 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B	10.0	850	0.0	RESPIRATIONS PER MINUTE 90 PRE-DOSE (SAME DAY) DOSED ONE DAY AFTER NEXT LOWER DOSING
			0.1	ALONE IN SHUTTLE BOX SITTING QUIETLY
			0.2	ALONE IN SHUTTLE BOX SHUTTLED SPONTANEOUSLY SOME COARSE PURRING
			0.3	ALONE IN SHUTTLE BOX SOME COARSE PURRING SHUTTLED SPONTANEOUSLY 6 TIMES / MINUTE
			0.4	ALONE IN SHUTTLE BOX SLIGHT TREMORS
			0.5	RESPIRATIONS PER MINUTE 52 WAS FED 10 BISCUITS ALONE IN SHUTTLE BOX
SOLUTION - 4.0% ASCORBIC ACID				

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

[REDACTED] 1402 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B	10.0	850	1.5	ALONE IN SHUTTLE BOX SHUTTLED SPONTANEOUSLY 13 TIMES / MINUTE TRIED TO LEAP THRU TRANSPARENT CAGE WALL 2X IN 5 MINUTES
			3.0	ALONE IN SHUTTLE BOX SHUTTLED SPONTANEOUSLY 11 TIMES / MINUTE TRIED TO LEAP THRU TRANSPARENT CAGE WALL 12X IN 3 MINUTES
			4.7	ALONE IN SHUTTLE BOX SHUTTLED SPONTANEOUSLY 9 TIMES / MINUTE TRIED TO LEAP THRU TRANSPARENT CAGE WALL 5X IN 2 MINUTES
			23	APPEARANCE AND BEHAVIOR NORMAL ALONE IN SHUTTLE BOX SHUTTLED SPONTANEOUSLY 16 TIMES / MINUTE

SOLUTION - 4.0% ASCORBIC ACID

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

1900 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
A.	1.0	830	0.3	RESPIRATIONS PER MINUTE 66 NO CHANGES
			0.9	RESPIRATIONS PER MINUTE 66 DECREASED EQUILIBRIUM FORWARD SOMERSAULT SHUTTLED ON LIGHT CUE GRASPING AND RIGHTING REFLEXES INTACT
			1.9	RESPIRATIONS PER MINUTE 48 WAS RETURNED TO HOME CAGE WITH OTHER MONKEYS APPEARANCE AND BEHAVIOR NORMAL
SOLUTION - DISTILLED WATER				

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

██████████ 1900 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
A.	10.0	815	0.1	PARTIAL PALPEBRAL CLOSURE FORWARD SOMERSAULT
			0.2	PLASTIC IMMOBILITY MOVED HEAD A LITTLE TO LOOK AROUND RESPONSIVE TO SOUND BIT GLOVED HAND DID NOT SHUTTLE, EVEN AFTER REPEATED ELECTRIC SHOCKS SQUEALED ON ELECTRIC SHOCK
			0.5	RESPONSIVE TO VISUAL STIMULI RESPONSIVE TO SOUND OTHERWISE AS ON PREVIOUS REPORTED INTERVAL
			0.8	LYING ON ABDOMEN AROUSED BY HANDLING, STOOD ON HIND LEGS, TREMBLED, LAY ON SIDE
			1.9	RESPIRATIONS PER MINUTE 36 DEEP RESPIRATIONS LYING ON SIDE PALPEBRAL CLOSURE RESPONDED TO SHARP SOUND BY MOVING SLIGHTLY AND WHIMPERING
SOLUTION - 0.9% SALINE				

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

██████████ 1900 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
A	10.0	815	2.8	LYING ON SIDE GRASP STRONG RESISTED BEING MOVED WAS PLACED IN ISOLATION CAGE STOOD ON 4 FEET TREMORS IN HIND LEGS
			4.5	IN ISOLATION CAGE SITTING QUIETLY APPEARED TO SLEEP, UNTIL AROUSED BY SOUND RESPONSE TO SOUND SLUGGISH
			5.5	CLIMBING AROUND ON LATTICE WALL OF ISOLATION CAGE FACE BLUISH MOTOR ACTIVITY SLUGGISH ATE FOOD SLUGGISHLY
			22	APPEARANCE AND BEHAVIOR NORMAL HAD EATEN MOST OF FOOD IN ISOLATION CAGE
SOLUTION - 0.9% SALINE				

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

1900 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
G	1.0	645	0.0	RESPIRATIONS PER MINUTE 100 APPEARANCE AND BEHAVIOR NORMAL PRE-DOSE (SAME DAY)
			0.1	SHUTTLED ON LIGHT AND SOUND CUES
			0.2	SHUTTLED ON LIGHT AND SOUND CUES
			0.3	RESPIRATIONS PER MINUTE 66 SLIGHT PHOTOPHOBIA
			0.7	SITTING QUIETLY PARTIAL PALPEBRAL CLOSURE
			5.5	PALPEBRAL OPENING RETURNING LOCOMOTOR ACTIVITY
				SOLUTION - DISTILLED WATER

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

██████████ 1900 (I-M)


MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
G	3.0	634	0.25	PARTIAL PALPEBRAL CLOSURE CROUCHING POSTURE HEAD DROP
			0.7	BETWEEN N.R. SHUTTLE TRIALS MUCH SPONTANEOUS SHUTTLING (NORMALLY NONE, DURING SHUTTLE TEST) SLIGHT SLOW TREMORS IN NECK
			1.8	TOXIC SIGNS BEGINNING TO ABATE SOLUTION - 0.9% SALINE

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

██████████ 2100 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
G	1.0	622	0.2	PARTIAL PALPEBRAL CLOSURE DECREASED LOCOMOTOR ACTIVITY DECREASED EXCITABILITY
			1.1	PARTIAL PALPEBRAL CLOSURE HICCOUGHS
			1.5	SKIN AROUND EYES SLIGHTLY REDDENED
			4.5	PARTIAL PALPEBRAL OPENING
			24	EXCITABILITY RETURNED TO USUAL LEVEL
SOLUTION - 0.9% SALINE				

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

 2100 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
G	3.2	625	0.0	RESPIRATIONS PER MINUTE 90 APPEARANCE AND BEHAVIOR NORMAL PRE-DOSE (SAME DAY)
			0.3	RESPIRATIONS PER MINUTE 54 PARTIAL PALPEBRAL CLOSURE SKIN AROUND EYES SLIGHTLY REDDENED LOW, STIFF CROUCHING POSTURE, FEET WIDE APART & SL. HEAD DROP
			0.5	BETWEEN N.R. SHUTTLE TRIALS USUALLY SHUTTLED ONLY AFTER REPEATED ELECTRIC SHOCKS SITTING WITH HEAD FORWARD AND RESTING ON FLOOR MUCH VOCALIZING AFTER ELECTRIC SHOCK
			1.5	LYING ON SIDE IN SHUTTLE BOX WITH OTHER MONKEYS
			2.5	LYING ON SIDE IN SHUTTLE BOX WITH OTHER MONKEYS
			3.3	SITTING UP AND LOOKING AROUND PARTIAL PALPEBRAL CLOSURE
			4	SITTING UP AND LOOKING AROUND PARTIAL PALPEBRAL CLOSURE FACE AROUND EYES NOT RED
			24	APPEARANCE AND BEHAVIOR NORMAL

SOLUTION - 0.9% SALINE

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

[REDACTED] 2277 (SUBCUTANEOUS)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
G	0.18	653	0.0	RESPIRATIONS PER MINUTE 102 APPEARANCE AND BEHAVIOR NORMAL PRE-DOSE (SAME DAY)
			0.1	SHUTTLED ON LIGHT AND SOUND CUES
			0.2	ROLLED OVER ONTO BACK FREQUENTLY SHUTTLED ON LIGHT AND SOUND CUES
			0.3	SHUTTLED ON LIGHT AND SOUND CUES
			0.5	SLIGHT PALPEBRAL CLOSURE
			0.6	MOUNTED MONKEY 'R' IN UNUSUAL, AGGRESSIVE MANNER LAY ON BACK FOR A FEW SECONDS BETWEEN N.R. SHUTTLE TRIALS
SOLUTION - 0.9% ASCORBIC ACID				

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

2277 (SUBCUTANEOUS)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
G	0.18	653	1.0	FELL OVER ONTO BACK, AFTER MOUNTING MONKEY R BETWEEN N.R. SHUTTLE TRIALS
			3.0	SITTING QUIETLY PARTIAL PALPEBRAL CLOSURE BETWEEN P.R. SHUTTLE TRIALS
			5.0	RETURNING LOCOMOTOR ACTIVITY AT TIMES STOOD ON HIND LEGS, RESTING TOP OF HEAD ON FLOOR
			5.5	LAY ON BACK AND PULLED TAILS OF OTHER MONKEYS
			24	RETURNING LOCOMOTOR ACTIVITY AT TIMES STOOD ON HIND LEGS, RESTING TOP OF HEAD ON FLOOR TOXIC SIGNS DECREASING
SOLUTION - 0.9% ASCORBIC ACID				

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

2277 (SUBCUTANEOUS)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
A	0.3	830	0.0	RESPIRATIONS PER MINUTE 66 PUPILS NORMAL IN SIZE AND REACTION TO LIGHT PRE-DOSE (SAME DAY)
			0.1	INTERMITTENT CIRCLING ALONE IN SHUTTLE BOX
			0.2	RESPIRATIONS PER MINUTE 45 RUMP HELD HIGH, HEAD HUNG LOW FOR MANY MINUTES IMMOBILE WHEN HELD IN HAND SPONTANEOUS LOCOMOTOR ACTIVITY MARKEDLY REDUCED NO RESPONSE TO SOUND PUPILS NORMAL IN SIZE AND REACTION TO LIGHT
			0.6	RESPIRATIONS PER MINUTE 36 COUNTING ONE DEEP & ONE SHALLOW RESPIRATION AS ONE ONE DEEP RESPIRATION ALTERNATING WITH ONE SHALLOW RESPIRATION GENERALLY IMMOBILE PHOTOPHOBIA RESPONSIVE TO LOUD SOUND RESPONSIVE TO ELECTRIC SHOCK GRASPING AND RIGHTING REFLEXES INTACT
			0.7	TOXIC SIGNS BEGINNING TO ABATE
				SOLUTION - 0.9% ASCORBIC ACID

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

██████████ 2277 (SUBCUTANEOUS)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
A	0.3	830	2.3	LETHARGY MARKEDLY ABATED SLIGHT SEDATION SHUTTLED ON ELECTRIC SHOCK LOCOMOTOR ACTIVITY SLOW AND AWKWARD
			2.4	WAS RETURNED TO HOME CAGE WITH OTHER MONKEYS APPROACHED MK. B IN ODD MANNER, PURSUED AS MK. B RETREATED FOR MANY MINUTES (MK. B NORMALLY PASSIVE WHEN MOUNTED BY MK. A)
			3.0	SITTING QUIETLY WITH MK. B , IN NORMAL MANNER SOLUTION - 0.9% ASCORBIC ACID

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

2598 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B	0.28	820	0.2	APPEARANCE AND BEHAVIOR NORMAL SHUTTLED ON LIGHT CUE
			0.3	HEART RATE 200 BEATS/MINUTE RESPIRATIONS PER MINUTE 102 SHUTTLED ON LIGHT CUE
			0.7	RESPIRATIONS PER MINUTE 102 APPEARANCE AND BEHAVIOR NORMAL SHUTTLED ON LIGHT CUE
			1.8	HEART RATE 248 BEATS/MINUTE RESPIRATIONS PER MINUTE 84 PUPILS NORMAL IN SIZE AND REACTION TO LIGHT APPEARANCE AND BEHAVIOR NORMAL WAS RETURNED TO HOME CAGE WITH OTHER MONKEYS
SOLUTION - 0.1 N HYDROCHLORIC ACID QS WITH 0.9% SALINE				
B	0.84		4.4	<u>SECOND DOSING</u>
			4.7	RESPIRATIONS PER MINUTE 76 SHUTTLED ON LIGHT CUE
			5.1	SHUTTLED ON LIGHT CUE APPEARANCE AND BEHAVIOR NORMAL

PHYSICAL AND NEUROLOGICAL EXAMINATIONS OF SQUIRREL MONKEYS

██████████ 2598 (I-M)

MONKEY NUMBER	DOSE MG/KG	WT. GM.	TIME HOURS	OBSERVATIONS
B	1.22		5.4	<u>THIRD DOSING</u>
			5.9	APPEARANCE AND BEHAVIOR NORMAL IN HOME CAGE
			6.5	APPEARANCE AND BEHAVIOR NORMAL
G	3.0	630	0.3	MOVEMENTS SLIGHTLY JERKY
			5.0	MUCH SPONTANEOUS SHUTTLE (NORMALLY NONE, DURING SHUTTLE TEST) SOLUTION - 0.1 N HYDROCHLORIC ACID QS WITH 0.9% SALINE