

Table 15 - 1  
Hematology - Group mean values in male rats  
After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	Ht (%)	Hb (g/dl)	RBC (10 <sup>6</sup> /μl)	MCV (fl)	MCH (pg)	MCHC (g/dl)	PLT (10 <sup>3</sup> /μl)	Retics (10 <sup>9</sup> /l)	PT (sec)	APTT (sec)
0	10	Mean	15.5	8.14	55.2	19.1	34.6	1154	174.2	18.8	23.4
		S.D.	1.8	0.26	1.3	0.5	0.6	134	24.6	1.8	1.2
8	10	Mean	15.9	8.25	55.4	19.2	34.7	1235	160.2	18.1	22.5
		S.D.	1.3	0.21	1.1	0.3	0.5	152	19.9	1.8	1.2
40	10	Mean	15.3	8.13	54.5	18.9	34.6	1146	149.9	17.1 *	23.0
		S.D.	1.0	0.31	1.5	0.5	0.6	112	51.8	1.1	2.1
80	9	Mean	14.7 **	8.15	53.9	18.1 **	33.6 **	1161	137.5	16.8 *	23.0
		S.D.	1.3	0.4	1.4	0.5	0.4	251	55.6	1.1	1.1

S.D. : Standard deviation.

Significantly different from control : \*, p <= 0.05; \*\*, p <= 0.01.

Table 15 - 2 Hematology - Group mean values in male rats  
After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	WBC ( $10^3/\mu\text{l}$ )	Differential leukocyte count ( $10^3/\mu\text{l}$ )						
			L	N	M	E	B	LUC	
0	10	Mean 7.23	5.80	1.16	0.09	0.06	0.02	0.09	
		S.D. 1.22	1.21	0.46	0.02	0.02	0.01	0.05	
8	10	Mean 9.01	7.00	1.67	0.13	0.08	0.03	0.11	
		S.D. 1.98	1.69	0.79	0.04	0.03	0.01	0.06	
40	10	Mean 11.46 **	9.47 **	1.60	0.14	0.07	0.03	0.14	
		S.D. 2.09	1.77	0.50	0.05	0.05	0.01	0.04	
80	9	Mean 11.76 **	9.45 **	1.92 *	0.18 **	0.04	0.03	0.14	
		S.D. 2.17	1.97	0.48	0.10	0.02	0.01	0.05	

S.D. : Standard deviation.

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

Table 15 - 3 Hematology - Group mean values in male rats  
After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	Nucleated cell count of bone marrow ( $10^5/\mu\text{l}$ )	
		Mean	S.D.
0	10	24.4	2.5
8	10	24.1	2.7
40	10	22.8	2.6
80	9	21.7	5.0

S.D. : Standard deviation.

Table 16 - 1 Hematology - Group mean values in female rats  
After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	Ht (%)	Hb (g/dl)	RBC ( $10^6/\mu\text{l}$ )	MCV (fl)	MCH (pg)	MCHC (g/dl)	PLT ( $10^3/\mu\text{l}$ )	Retics ( $10^9/\text{l}$ )	PT (sec)	APTT (sec)
0	10	Mean 42.7	14.9	7.70	55.4	19.3	34.9	1100	162.9	17.3	18.5
		S.D. 1.3	0.5	0.33	1.2	0.6	0.7	128	30.3	0.7	0.6
8	10	Mean 43.1	15.0	7.87	54.8	19.1	34.8	1257 *	162.4	17.0	18.3
		S.D. 1.1	0.5	0.22	1.5	0.7	0.6	98	51.6	0.6	1.1
40	10	Mean 41.2	14.1 **	7.69	53.7 **	18.3 **	34.1 *	1322 **	218.2 *	15.9 **	17.8
		S.D. 1.2	0.5	0.26	1.3	0.5	0.5	151	38.1	0.4	1.5
80	10	Mean 40.6 *	13.8 **	7.61	53.3 **	18.1 **	34.0 **	1329 **	223.8 *	15.2 **	17.8
		S.D. 2.1 (9)	0.8 (9)	0.44 (9)	0.8 (9)	0.2 (9)	0.3 (9)	99 (9)	68.0 (9)	0.5 (9)	1.0 (9)

S.D. : Standard deviation.

( ) : Available number of animals for the parameter.

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

Table 16 - 2 Hematology - Group mean values in female rats  
After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	WBC ( $10^3/\mu\text{l}$ )	Differential leukocyte count ( $10^3/\mu\text{l}$ )						
			L	N	M	E	B	LUC	
0	10	Mean	3.81	0.88	0.05	0.04	0.01	0.05	
		S.D.	0.83	0.29	0.02	0.01	0.00	0.02	
8	10	Mean	4.26	0.85	0.06	0.05	0.01	0.05	
		S.D.	1.25	0.31	0.02	0.02	0.00	0.02	
40	10	Mean	7.41 **	0.82	0.08	0.03	0.02 *	0.08 *	
		S.D.	1.64	0.24	0.01	0.01	0.01	0.02	
80	10	Mean	7.13 **	0.76	0.11 **	0.01 **	0.01	0.09	
		S.D.	1.83 (9)	0.23 (9)	0.08 (9)	0.01 (9)	0.01 (9)	0.06 (9)	

S.D. : Standard deviation.

( ) : Available number of animals for the parameter.

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

Table 16 - 3 Hematology - Group mean values in female rats  
After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	Nucleated cell count of bone marrow ( $10^5/\mu\text{l}$ )	Bone marrow cytology									
			Proe ( $10^5/\mu\text{l}$ )	Erb ( $10^5/\mu\text{l}$ )	Blas ( $10^5/\mu\text{l}$ )	Prom ( $10^5/\mu\text{l}$ )	Myel ( $10^5/\mu\text{l}$ )	Meta ( $10^5/\mu\text{l}$ )	Neut ( $10^5/\mu\text{l}$ )	Eosi ( $10^5/\mu\text{l}$ )	Baso ( $10^5/\mu\text{l}$ )	M/E ratio
0	10	Mean 23.4 S.D. 2.5	0.18	7.67	0.22	0.38	0.74	0.82	5.09	0.88	0.10	1.11
			0.07	1.96	0.11	0.16	0.27	0.23	1.01	0.28	0.05	0.32
8	10	Mean 24.1 S.D. 2.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
40	10	Mean 23.4 S.D. 3.8 (9)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
80	10	Mean 21.6 S.D. 4.0	0.22	10.00 *	0.20	0.35	0.63	0.76	3.49 **	0.81	0.12	0.65 **
			0.14	2.61	0.08	0.17	0.30	0.36	1.22	0.37	0.08	0.20

S.D. : Standard deviation.

( ) : Number of animals examined.

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

Table 16 - 4 Hematology - Group mean values in female rats  
After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	Bone marrow cytology									
		Lym ( $10^5/\mu\text{l}$ )	Mono ( $10^5/\mu\text{l}$ )	Plas ( $10^5/\mu\text{l}$ )	Mega ( $10^5/\mu\text{l}$ )	Mast ( $10^5/\mu\text{l}$ )	Reti ( $10^5/\mu\text{l}$ )	Macro ( $10^5/\mu\text{l}$ )	Mito ( $10^5/\mu\text{l}$ )	Unc ( $10^5/\mu\text{l}$ )	
0	10	Mean	6.73	0.19	0.07	0.07	0.06	0.05	0.11	0.09	0.00
		S.D.	0.93	0.15	0.05	0.06	0.07	0.04	0.13	0.06	0.00
8	10	Mean	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
		S.D.									
40	10	Mean	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
		S.D.									
80	10	Mean	4.30 **	0.14	0.03	0.07	0.16 *	0.01 *	0.18	0.14	0.00
		S.D.	1.37	0.06	0.04	0.03	0.12	0.02	0.11	0.08	0.00

S.D. : Standard deviation.

(-): Not examined.

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

Key to Tables 17 and 18  
Standard key to blood biochemistry data

Blood Biochemistry:

ALP	Alkaline phosphatase
GOT	Glutamic oxaloacetic transaminase
GPT	Glutamic pyruvic transaminase
GGTP	$\gamma$ -Glutamyl transpeptidase
Creat	Creatinine
BUN	Blood urea nitrogen
TP	Total protein
Alb	Albumin
Glob	Globulin
A/G ratio	Albumin/globulin ratio
Gluc	Glucose
T.Chol	Total cholesterol
TG	Triglyceride
T.Bil	Total bilirubin
Ca	Calcium
P	Inorganic phosphorus
Na	Sodium
K	Potassium
Cl	Chloride



Table 17 - 1  
 Blood biochemistry - Group mean values in male rats  
 After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	ALP (U/l)	GOT (U/l)	GPT (U/l)	GGTP (U/l)	Creat (mg/dl)	BUN (mg/dl)	TP (g/dl)	Alb (g/dl)	Glob (g/dl)	A/G ratio	Gluc (mg/dl)
0	10	Mean 381 S.D. 58	73 8	26 4	0 1	0.32 0.08	17.6 1.7	6.12 0.28	4.23 0.19	1.90 0.11	2.23 0.08	148 19
8	10	Mean 355 S.D. 114	75 9	24 4	1 1	0.29 0.03	18.2 2.9	6.14 0.32	4.23 0.26	1.92 0.10	2.21 0.13	145 16
40	10	Mean 242 ** S.D. 42	72 11	27 7	0 0	0.28 0.03	19.4 4.2	5.89 0.25	4.09 0.19	1.80 0.08	2.27 0.06	130 * 11
80	9	Mean 258 ** S.D. 137	107 62	56 56	5 12	0.30 0.06	23.7 ** 4.7	5.49 ** 0.46	3.83 ** 0.33	1.67 ** 0.16	2.30 0.15	123 ** 16

S.D. : Standard deviation.

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

Table 17 - 2  
 Blood biochemistry - Group mean values in male rats  
 After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	T.Chol (mg/dl)	TG (mg/dl)	T.Bil (mg/dl)	Ca (mg/dl)	P (mg/dl)	Na (mEq/l)	K (mEq/l)	Cl (mEq/l)
0	10	Mean 54	47	0.06	10.2	7.0	146.9	3.44	107.4
		S.D. 7	24	0.01	0.4	0.8	1.4	0.33	0.9
8	10	Mean 60	65	0.05	10.2	7.2	146.3	3.38	106.7
		S.D. 11	33	0.01	0.3	0.5	1.0	0.19	1.1
40	10	Mean 64	45	0.06	10.2	7.3	147.1	3.32	107.3
		S.D. 9	16	0.01	0.3	0.5	1.3	0.13	1.0
80	9	Mean 75 *	44	0.10 **	10.1	7.7 *	145.9	3.38	107.1
		S.D. 30	17	0.04	0.3	0.4	1.2	0.21	1.5

S.D. : Standard deviation.

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

Table 18 - 1  
Blood biochemistry - Group mean values in female rats  
After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	ALP (U/l)	GOT (U/l)	GPT (U/l)	GGTP (U/l)	Creat (mg/dl)	BUN (mg/dl)	TP (g/dl)	Alb (g/dl)	Glob (g/dl)	A/G ratio	Gluc (mg/dl)
0	10	Mean 223	70	21	1	0.31	19.5	6.03	4.11	1.92	2.15	112
		S.D. 66	8	1	1	0.05	3.1	0.30	0.19	0.16	0.15	18
8	10	Mean 190	67	15 **	1	0.38 **	25.0 *	6.08	4.16	1.92	2.17	107
		S.D. 41	6	2	0	0.07	3.8	0.20	0.15	0.11	0.14	13
40	10	Mean 168	56 **	15 **	1	0.31	24.2	5.45 **	3.81 **	1.65 **	2.32 *	118
		S.D. 51	5	4	0	0.04	5.8	0.33	0.19	0.16	0.14	13
80	10	Mean 164	95	25	9 **	0.28	24.2	5.28 **	3.69 **	1.60 **	2.32 *	137 **
		S.D. 62 (9)	114 (9)	24 (9)	22 (9)	0.03 (9)	4.3 (9)	0.20 (9)	0.12 (9)	0.11 (9)	0.13 (9)	22 (9)

S.D. : Standard deviation.

( ) : Available number of animals for the parameter.

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

Table 18 - 2  
Blood biochemistry - Group mean values in female rats  
After 4 weeks of treatment

Dose (mg/kg/day)	No. of animals examined	T.Chol (mg/dl)	TG (mg/dl)	T.Bil (mg/dl)	Ca (mg/dl)	P (mg/dl)	Na (mEq/l)	K (mEq/l)	Cl (mEq/l)
0	10	Mean 51	16	0.06	9.8	5.8	147.1	3.03	110.6
		S.D. 10	11	0.02	0.3	0.9	1.1	0.22	1.0
8	10	Mean 53	19	0.06	9.9	6.2	147.6	3.18	110.6
		S.D. 12	9	0.01	0.2	0.5	1.5	0.16	1.1
40	10	Mean 61	28	0.07	9.9	7.4 **	145.4	3.46 **	108.1 **
		S.D. 16	6	0.02	0.4	0.7	2.2	0.25	1.0
80	10	Mean 76 *	52 **	0.17	10.0	7.9 **	145.9	3.36 **	107.5 **
		S.D. 34 (9)	20 (9)	0.33 (9)	0.4 (9)	0.5 (9)	1.7 (9)	0.24 (9)	2.0 (9)

S.D. : Standard deviation.

( ) : Available number of animals for the parameter.

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

Table 19 - 1 Necropsy - Incidence of macroscopic lesions in male rats  
Terminal kill after 4 weeks of treatment

Site & Lesion	Dose (mg/kg/day)	0	8	40	80
	No. of animals examined	10	10	10	9
Skin :	[N=]	10	10	10	9
Scab		0	1	0	0
Lung :	[N=]	10	10	10	9
Spot(s)		1	2	5	6 *
Small intestine :	[N=]	10	10	10	9
Luminal dilatation		0	0	10 **	9 **
Large intestine :	[N=]	10	10	10	9
Distention		0	0	10 **	9 **
Kidney :	[N=]	10	10	10	9
Pelvic dilatation		1	0	0	0
Epididymis :	[N=]	10	10	10	9
Mass(es)		0	1	0	2
Coagulating gland :	[N=]	10	10	10	9
Small in size		0	0	1	0

[N=]: Number of animals examined at the site.

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

Table 19 - 2 Necropsy - Incidence of macroscopic lesions in male rats  
Killed *in extremis* or found dead

Site & Lesion	Dose (mg/kg/day)	0	8	40	80
	No. of animals examined	0	0	0	1
Stomach :	[N=]	0	0	0	1
Liquid contents		-	-	-	1
Small intestine :	[N=]	0	0	0	1
Liquid contents		-	-	-	1

[N=]: Number of animals examined at the site.

Table 19 - 3 Necropsy - Incidence of macroscopic lesions in male rats  
All animals examined

Site & Lesion	Dose (mg/kg/day)	0	8	40	80
	No. of animals examined	10	10	10	10
Skin :	[N=]	10	10	10	10
Scab		0	1	0	0
Lung :	[N=]	10	10	10	10
Spot(s)		1	2	5	6 *
Stomach :	[N=]	10	10	10	10
Liquid contents		0	0	0	1
Small intestine :	[N=]	10	10	10	10
Liquid contents		0	0	0	1
Luminal dilatation		0	0	10 **	9 **
Large intestine :	[N=]	10	10	10	10
Distention		0	0	10 **	9 **
Kidney :	[N=]	10	10	10	10
Pelvic dilatation		1	0	0	0
Epididymis :	[N=]	10	10	10	10
Mass(es)		0	1	0	2
Coagulating gland :	[N=]	10	10	10	10
Small in size		0	0	1	0

[N=]: Number of animals examined at the site.

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

Table 20 Necropsy - Incidence of macroscopic lesions in female rats  
Terminal kill after 4 weeks of treatment

Site & Lesion	Dose (mg/kg/day)	0	8	40	80
	No. of animals examined	10	10	10	10
Systemic/external appearance :	[N=]	10	10	10	10
Soiled fur in perioral region		0	0	1	0
Soiled fur in external genital region		0	0	0	1
Skin :	[N=]	10	10	10	10
Hair loss		0	1	1	3
Lung :	[N=]	10	10	10	10
Spot(s)		4	4	3	4
Small intestine :	[N=]	10	10	10	10
Luminal dilatation		0	0	10 **	10 **
Large intestine :	[N=]	10	10	10	10
Distention		0	0	10 **	10 **
Common bile duct :	[N=]	10	10	10	10
Luminal dilatation		0	0	0	1
Kidney :	[N=]	10	10	10	10
Pelvic dilatation		1	0	1	0

[N=]: Number of animals examined at the site.

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



Table 21 - 1 Organ weight - Group mean values in male rats  
Absolute weight at terminal kill after 4 weeks of treatment

Dose (mg/kg/day)	Body weight (g)	Salivary gland										Epididymides (mg)				
		Brain (mg)	Pituitary (mg)	Thyroids (mg)	Heart (mg)	Lung (mg)	Thymus (mg)	Liver (g)	Kidneys (mg)	Spleen (mg)	Adrenals (mg)		Prostate (mg)	SV/CG (mg)	Testes (mg)	
0	Mean	1920	8.2	24.7	595	815	1190	460	7.87	1983	567	70.6	304	940	3158	795
	S.D.	67	1.3	9.9	44	69	70	72	0.67	81	73	10.7	60	157	209	54
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	Mean	1947	8.3	19.5	564	806	1211	432	7.90	2046	536	63.9	302	939	3287	820
	S.D.	91	1.5	2.6	39	83	76	100	0.70	164	77	8.4	42	169	250	92
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
40	Mean	1820 *	7.5	18.6	566	752	1213	343 **	7.92	1963	475 *	64.4	253	859	3044	779
	S.D.	76	0.6	6.2	38	22	101	38	0.75	138	77	8.6	64	187	195	62
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
80	Mean	1864	7.4	18.0	522 **	730 *	1212	318 **	8.67	1895	449 **	62.1	183 **	632 **	3142	713
	S.D.	77	0.6	3.1	45	99	127	99	1.03	233	65	9.1	29	190	262	86
	N	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9

SV/CG: Seminal vesicle/Coagulating gland.

S.D.: Standard deviation.

N: Number of animals examined.

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

Table 21 - 2 Organ weight - Group mean values in male rats  
Relative weight to body weight(%) at terminal kill after 4 weeks of treatment

Dose (mg/kg/day)	Salivary gland													Epididymides		
	Brain	Pituitary	Thyroids	Heart	Lung	Thymus	Liver	Kidneys	Spleen	Adrenals	Prostate	SV/CG	Testes			
0	Mean	0.686	0.0029	0.0088	0.212	0.290	0.425	0.164	2.81	0.708	0.202	0.0251	0.109	0.337	1.13	0.285
	S.D.	0.028	0.0004	0.0035	0.016	0.017	0.026	0.022	0.19	0.036	0.024	0.0030	0.024	0.065	0.10	0.029
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	Mean	0.691	0.0030	0.0069	0.200	0.285	0.430	0.153	2.80	0.726	0.189	0.0227	0.108	0.335	1.17	0.292
	S.D.	0.032	0.0004	0.0010	0.016	0.019	0.032	0.033	0.15	0.050	0.021	0.0030	0.016	0.068	0.10	0.037
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
40	Mean	0.704	0.0029	0.0072	0.219	0.291	0.468 *	0.132 *	3.05	0.758	0.183	0.0249	0.097	0.332	1.17	0.301
	S.D.	0.058	0.0002	0.0026	0.019	0.011	0.031	0.011	0.13	0.045	0.024	0.0037	0.022	0.074	0.06	0.026
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
80	Mean	0.764 **	0.0030	0.0074	0.214	0.297	0.495 **	0.129 *	3.55 **	0.772 *	0.183	0.0254	0.075 **	0.256 *	1.29 **	0.293
	S.D.	0.048	0.0003	0.0011	0.019	0.024	0.045	0.035	0.47	0.056	0.023	0.0039	0.013	0.066	0.12	0.039
	N	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9

Relative weight= (organ weight/body weight x 1000) x 100

SV/CG: Seminal vesicle/Coagulating gland.

S.D.: Standard deviation.

N: Number of animals examined.

Significantly different from control: \*, p <= 0.05; \*\*, p <= 0.01.

Table 22 - 1 Organ weight - Group mean values in female rats  
Absolute weight at terminal kill after 4 weeks of treatment

Dose (mg/kg/day)	Body weight (g)	Salivary												
		Brain (mg)	Pituitary (mg)	Thyroids (mg)	gland (mg)	Heart (mg)	Lung (mg)	Thymus (mg)	Liver (g)	Kidneys (mg)	Spleen (mg)	Adrenals (mg)	Ovary (mg)	Uterus (mg)
0	Mean	1806	11.4	16.5	451	602	1047	424	5.05	1446	422	80.7	86.1	593
	S.D.	70	1.2	1.8	48	41	150	43	0.27	114	52	8.0	11.2	338
	N	10	10	10	10	10	10	10	10	10	10	10	10	10
8	Mean	1802	11.3	16.6	440	594	1045	358 *	5.25	1476	438	82.8	100.9	441
	S.D.	54	1.6	2.5	18	41	144	40	0.39	105	46	10.3	23.5	116
	N	10	10	10	10	10	10	10	10	10	10	10	10	10
40	Mean	1722 **	9.7 *	19.3	473	615	1080	311 **	6.76 **	1608 *	406	83.4	103.0	396
	S.D.	41	1.5	6.9	54	46	105	70	0.59	166	38	10.8	16.0	106
	N	10	10	10	10	10	10	10	10	10	10	10	10	10
80	Mean	1680 **	9.3 **	19.6	443	598	1048	242 **	7.53 **	1620 *	385	85.8	93.8	461
	S.D.	60	0.8	6.3	54	46	127	52	0.82	125	41	10.8	22.9	231
	N	10	10	10	10	10	10	10	10	10	10	10	10	10

S.D.: Standard deviation.

N: Number of animals examined.

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

Table 22 - 2 Organ weight - Group mean values in female rats  
Relative weight to body weight(%) at terminal kill after 4 weeks of treatment

Dose (mg/kg/day)	Salivary gland													
	Brain	Pituitary	Thyroids	Heart	Lung	Thymus	Liver	Kidneys	Spleen	Adrenals	Ovary	Uterus		
0	Mean	0.973	0.0062	0.0089	0.243	0.324	0.565	0.228	2.72	0.777	0.227	0.0435	0.0465	0.322
	S.D.	0.051	0.0006	0.0008	0.029	0.015	0.085	0.020	0.17	0.043	0.029	0.0041	0.0070	0.191
	N	10	10	10	10	10	10	10	10	10	10	10	10	10
8	Mean	0.964	0.0060	0.0089	0.236	0.318	0.559	0.192 *	2.81	0.789	0.234	0.0443	0.0540	0.235
	S.D.	0.029	0.0007	0.0013	0.012	0.017	0.077	0.024	0.17	0.041	0.023	0.0051	0.0131	0.056
	N	10	10	10	10	10	10	10	10	10	10	10	10	10
40	Mean	0.924 *	0.0052 **	0.0103	0.253	0.329	0.579	0.166 **	3.62 **	0.860 **	0.218	0.0446	0.0552	0.213
	S.D.	0.041	0.0006	0.0037	0.026	0.019	0.047	0.034	0.26	0.043	0.016	0.0049	0.0081	0.060
	N	10	10	10	10	10	10	10	10	10	10	10	10	10
80	Mean	0.925 *	0.0051 **	0.0109	0.244	0.329	0.578	0.133 **	4.16 **	0.892 **	0.212	0.0472	0.0518	0.252
	S.D.	0.036	0.0005	0.0039	0.032	0.020	0.072	0.029	0.59	0.073	0.019	0.0056	0.0137	0.125
	N	10	10	10	10	10	10	10	10	10	10	10	10	10

Relative weight= (organ weight/body weight x 1000) x 100

S.D.: Standard deviation.

N: Number of animals examined.

Significantly different from control: \*, p <= 0.05; \*\*, p <= 0.01.