

**Experiment Number:** 93027-22  
**Species/Strain:** Rat/Sprague-Dawley

**P42: Clinical Chemistry Data**

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 06:49:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C93027B
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male

Experiment Number: 93027-22  
Species/Strain: Rat/Sprague-Dawley

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014  
Time Report Requested: 06:49:53  
First Dose M/F: NA / NA  
Lab: NA

**MALE**

Animal No.	Dose	Time In Study	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	Cholesterol mg per dL
0766_22	0 ppm	Day : 34	682	70	23	160
0767_22	0 ppm	Day : 34	798	73	22	111
0768_22	0 ppm	Day : 34	736	62	18	128
0769_22	0 ppm	Day : 34	510	60	38	122
0770_22	0 ppm	Day : 34	805	87	46	136
0781_22	10 ppm	Day : 34	672	67	27	129
0782_22	10 ppm	Day : 34	630	60	54	134
0783_22	10 ppm	Day : 34	608	64	18	130
0784_22	10 ppm	Day : 34	675	69	17	113
0785_22	10 ppm	Day : 34	624	64	16	106
0796_22	100 ppm	Day : 34	883	71	21	140
0797_22	100 ppm	Day : 34	859	80	47	142
0798_22	100 ppm	Day : 34	797	53	33	166
0799_22	100 ppm	Day : 34	769	63	58	160
0800_22	100 ppm	Day : 34	703	62	48	144
0811_22	1000 ppm	Day : 34	1023	72	70	159
0812_22	1000 ppm	Day : 34	910	67	80	173
0813_22	1000 ppm	Day : 34	801	63	41	182
0814_22	1000 ppm	Day : 34	1180	67	81	164
0815_22	1000 ppm	Day : 34	1079	65	86	181
0826_22	8000 ppm	Day : 34	1149	67	128	220
0827_22	8000 ppm	Day : 34	1273	70	154	183

Experiment Number: 93027-22  
Species/Strain: Rat/Sprague-Dawley

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014  
Time Report Requested: 06:49:53  
First Dose M/F: NA / NA  
Lab: NA

**MALE**

Animal No.	Dose	Time In Study	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	Cholesterol mg per dL
0828_22	8000 ppm	Day : 34	1387	69	170	225
0829_22	8000 ppm	Day : 34	1315	72	103	165
0830_22	8000 ppm	Day : 34	1012	87	126	190
0841_22	16000 ppm	Day : 34	1664	136	181	220
0842_22	16000 ppm	Day : 34	1048	102	142	182
0843_22	16000 ppm	Day : 34	1270	116	209	209
0844_22	16000 ppm	Day : 34	1444	104	141	249
0845_22	16000 ppm	Day : 34	2280	170	291	257

Experiment Number: 93027-22  
Species/Strain: Rat/Sprague-Dawley

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014  
Time Report Requested: 06:49:53  
First Dose M/F: NA / NA  
Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Estradiol pg per mL	Follicle Stimulating Hormone ng per mL	Luteinizing Hormone ng per mL	SDH IU per L
0766_22	0 ppm	Day : 34	78.8	2.89	0.18	27
0767_22	0 ppm	Day : 34	82.78	4.21	0.13	21
0768_22	0 ppm	Day : 34	85.96	4.71	0.18	14
0769_22	0 ppm	Day : 34	84.2	3.12	0.17	15
0770_22	0 ppm	Day : 34	82.57	3.64	0.22	26
0781_22	10 ppm	Day : 34	85.17	3.67	0.18	18
0782_22	10 ppm	Day : 34	71.82	2.64	0.17	11
0783_22	10 ppm	Day : 34	81.28	3.57	0.26	13
0784_22	10 ppm	Day : 34	80.51	4.07	0.23	22
0785_22	10 ppm	Day : 34	87.06	4.91	0.42	16
0796_22	100 ppm	Day : 34	94.22	3.61	0.32	28
0797_22	100 ppm	Day : 34	92.04	3.93	0.19	37
0798_22	100 ppm	Day : 34	84.94	4.41	0.23	20
0799_22	100 ppm	Day : 34	88.08	1.99	0.09	19
0800_22	100 ppm	Day : 34	82.88	3.83	0.2	14
0811_22	1000 ppm	Day : 34	87.74	3.77	0.35	31
0812_22	1000 ppm	Day : 34	90.96	3.58	0.23	21
0813_22	1000 ppm	Day : 34	99.62	3.6	0.19	16
0814_22	1000 ppm	Day : 34	101.23	7.1	0.25	28
0815_22	1000 ppm	Day : 34	98.02	4.1	0.15	41
0826_22	8000 ppm	Day : 34	90.78	4.34	0.16	31

Experiment Number: 93027-22  
Species/Strain: Rat/Sprague-Dawley

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014  
Time Report Requested: 06:49:53  
First Dose M/F: NA / NA  
Lab: NA

MALE

Animal No.	Dose	Time In Study	Estradiol pg per mL	Follicle Stimulating Hormone ng per mL	Luteinizing Hormone ng per mL	SDH IU per L
0827_22	8000 ppm	Day : 34	93.38	3.6	0.14	24
0828_22	8000 ppm	Day : 34	82.26	6.46	0.48	25
0829_22	8000 ppm	Day : 34	91.74	4.4	0.15	26
0830_22	8000 ppm	Day : 34	94.51	4.17	0.12	23
0841_22	16000 ppm	Day : 34	86.63	7.09	0.21	55
0842_22	16000 ppm	Day : 34	87.83	4.14	0.13	25
0843_22	16000 ppm	Day : 34	82.25	4.89	0.2	17
0844_22	16000 ppm	Day : 34	93.87	6.71	0.14	24
0845_22	16000 ppm	Day : 34	89.31	9.28	0.42	21

Experiment Number: 93027-22  
Species/Strain: Rat/Sprague-Dawley

**P42: Clinical Chemistry Data**

Date Report Requested: 10/26/2014  
Time Report Requested: 06:49:53  
First Dose M/F: NA / NA  
Lab: NA

---

**MALE**

---

Animal No.	Dose	Time In Study	Testosterone ng per mL	Triglycerides mg per dL
0766_22	0 ppm	Day : 34	0.92	132
0767_22	0 ppm	Day : 34	1.46	83
0768_22	0 ppm	Day : 34	1.13	105
0769_22	0 ppm	Day : 34	0.81	97
0770_22	0 ppm	Day : 34	1.8	76
0781_22	10 ppm	Day : 34	3.5	105
0782_22	10 ppm	Day : 34	0.62	68
0783_22	10 ppm	Day : 34	0.67	92
0784_22	10 ppm	Day : 34	2.49	107
0785_22	10 ppm	Day : 34	6.45	85
0796_22	100 ppm	Day : 34	1.47	68
0797_22	100 ppm	Day : 34	0.76	117
0798_22	100 ppm	Day : 34	1.47	88
0799_22	100 ppm	Day : 34	0.6	97
0800_22	100 ppm	Day : 34	4.62	87
0811_22	1000 ppm	Day : 34	2.91	59
0812_22	1000 ppm	Day : 34	3.35	65
0813_22	1000 ppm	Day : 34	1.63	91
0814_22	1000 ppm	Day : 34	3.99	98
0815_22	1000 ppm	Day : 34	1.73	74
0826_22	8000 ppm	Day : 34	1.11	16
0827_22	8000 ppm	Day : 34	1.91	61

Experiment Number: 93027-22  
Species/Strain: Rat/Sprague-Dawley

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014  
Time Report Requested: 06:49:53  
First Dose M/F: NA / NA  
Lab: NA

---

**MALE**

---

Animal No.	Dose	Time In Study	Testosterone ng per mL	Triglycerides mg per dL
0828_22	8000 ppm	Day : 34	1.71	66
0829_22	8000 ppm	Day : 34	3.06	46
0830_22	8000 ppm	Day : 34	1.11	78
0841_22	16000 ppm	Day : 34	2.28	85
0842_22	16000 ppm	Day : 34	1.31	75
0843_22	16000 ppm	Day : 34	4.73	71
0844_22	16000 ppm	Day : 34	1.65	118
0845_22	16000 ppm	Day : 34	1.45	70

\*\* END OF REPORT \*\*