

Experiment Number: 93011-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:06:49

First Dose M/F: NA / NA

Lab: NA

C Number: C93011B

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 93011-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:06:49

First Dose M/F: NA / NA

Lab: NA

MALE

| Treatment Groups | Albumin g per dL | ALP IU per L | ALT IU per L | Bile Acids Per G Tissue umol per g | BUN mg per dL | Creatine mg per dL |
|------------------|------------------|--------------|--------------|------------------------------------|---------------|--------------------|
|------------------|------------------|--------------|--------------|------------------------------------|---------------|--------------------|

Day 92

| | | | | | | |
|------------------|--------------------|---------------|-------------|-------------|------------|-----------|
| 0 ppm | 4.5 ± 0.2 | 401.8 ± 191.8 | 77.2 ± 22.1 | 29.9 ± 14.1 | 15.2 ± 1.8 | 0.5 ± 0.1 |
| 781 ppm | 4.5 ± 0.1 | 397.5 ± 168 | 70.3 ± 12.1 | 25.8 ± 15.9 | 13.8 ± 1.4 | 0.5 ± 0.1 |
| 1562 ppm | 4.8 ± 0.4 | 396.7 ± 165 | 63 ± 16 | 24.1 ± 10.6 | 15.3 ± 2.9 | 0.5 ± 0.1 |
| 3125 ppm | 4.7 ± 0.2 | 420.1 ± 178.2 | 76.5 ± 18.1 | 23.2 ± 7.6 | 14.5 ± 2.3 | 0.6 ± 0.1 |
| 6250 ppm | 4.6 ± 0.2 | 429.8 ± 156.3 | 76.8 ± 15.4 | 24.9 ± 11.7 | 15.7 ± 2.7 | 0.5 ± 0 |
| 12500 ppm | 4.7 ± 0.1** | 424.4 ± 156.9 | 78.5 ± 15.6 | 37.8 ± 19.3 | 15.4 ± 2.3 | 0.5 ± 0.1 |

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

Experiment Number: 93011-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:06:49

First Dose M/F: NA / NA

Lab: NA

MALE

| Treatment Groups | Creatine Kinase IU per L | Protein Total g per dL | SDH IU per L |
|------------------|-----------------------------|---------------------------|-----------------|
|------------------|-----------------------------|---------------------------|-----------------|

Day 92

| | | | |
|------------------|---------------|-----------|-------------|
| 0 ppm | 329.6 ± 209.6 | 6.4 ± 0.3 | 22.9 ± 8.8 |
| 781 ppm | 308.4 ± 154.2 | 6.4 ± 0.2 | 20.9 ± 7.7 |
| 1562 ppm | 380.6 ± 281.8 | 6.7 ± 0.5 | 18.9 ± 2.7 |
| 3125 ppm | 313.4 ± 144.4 | 6.5 ± 0.3 | 21.8 ± 10.1 |
| 6250 ppm | 304.3 ± 274.3 | 6.5 ± 0.3 | 19.9 ± 11 |
| 12500 ppm | 276.4 ± 112.1 | 6.5 ± 0.3 | 21.9 ± 13.3 |

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

Experiment Number: 93011-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:06:49

First Dose M/F: NA / NA

Lab: NA

FEMALE

| Treatment Groups | Albumin g per dL | ALP IU per L | ALT IU per L | Bile Acids Per G Tissue umol per g | BUN mg per dL | Creatine mg per dL |
|------------------|---------------------|-----------------|-----------------|------------------------------------------|------------------|-----------------------|
|------------------|---------------------|-----------------|-----------------|------------------------------------------|------------------|-----------------------|

Day 92

| | | | | | | |
|-----------------|-----------|---------------|-------------|-------------|------------|-----------|
| 0 ppm | 4.6 ± 0.2 | 342 ± 116.1 | 66.5 ± 24.4 | 28.9 ± 6.9 | 15 ± 2.2 | 0.5 ± 0.1 |
| 781 ppm | 4.9 ± 0.4 | 338.9 ± 129.1 | 61.1 ± 15.2 | 24.6 ± 8.1 | 16.5 ± 2.7 | 0.6 ± 0.1 |
| 1562 ppm | 4.7 ± 0.3 | 346.5 ± 114.1 | 64.2 ± 12.6 | 33.6 ± 13.3 | 16.6 ± 2.5 | 0.5 ± 0.1 |
| 3125 ppm | 4.6 ± 0.2 | 345.1 ± 105.8 | 61.5 ± 12.9 | 29 ± 8.7 | 14.4 ± 1.5 | 0.5 ± 0.1 |
| 6250 ppm | 4.5 ± 0.1 | 364.1 ± 112.2 | 62.7 ± 10.3 | 30.7 ± 9.8 | 15.7 ± 2.3 | 0.5 ± 0.1 |

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

Experiment Number: 93011-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:06:49

First Dose M/F: NA / NA

Lab: NA

FEMALE

| Treatment Groups | Creatine Kinase IU per L | Protein Total g per dL | SDH IU per L |
|------------------|-----------------------------|---------------------------|-----------------|
|------------------|-----------------------------|---------------------------|-----------------|

Day 92

| | | | |
|-----------------|---------------|-----------|--------------------|
| 0 ppm | 249.2 ± 147 | 6.2 ± 0.3 | 20.1 ± 5.8 |
| 781 ppm | 281.3 ± 148.4 | 6.5 ± 0.6 | 18.7 ± 4.7 |
| 1562 ppm | 262.5 ± 134.1 | 6.3 ± 0.5 | 16.8 ± 3.3 |
| 3125 ppm | 265.6 ± 160.8 | 6.1 ± 0.3 | 16.7 ± 2.6 |
| 6250 ppm | 251.3 ± 141.6 | 6.1 ± 0.2 | 15.7 ± 3.3* |

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

Experiment Number: 93011-03
Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014
Time Report Requested: 17:06:49
First Dose M/F: NA / NA
Lab: NA

**** END OF REPORT ****

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.