

Experiment Number: C91069
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

R06: Andrology Summary
Test Compound: Wyeth 14,643 (WY)
CAS Number: 50892-23-4

Date Report Requested: 03/30/2017
Time Report Requested: 13:07:04
Lab: Battelle

| | |
|-----------------------------|--------|
| C Number: | C91069 |
| Cage Range: | All |
| Date Range: | All |
| Reasons For Removal: | All |
| Removal Date Range: | All |
| Treatment Groups: | All |
| Study Gender: | Both |

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Male

| Generation | Litter ID | Terminal Sac | Cohort | Treatment Groups (mg/kg/day) | | | |
|------------|-----------|--------------|--|------------------------------|---------------|---------------|-----------------|
| | | | | 0 | 6.25 | 12.5 | 25 |
| | | SD 28 - 28 | No. Examined | 10 | 10 | 10 | 10 |
| | | | Testis Weight (g) | 1.840 ± 0.029 | 1.786 ± 0.040 | 1.780 ± 0.043 | 1.774 ± 0.036 |
| | | | Testicular Spermatid Count (10 ⁶) | 294.3 ± 13.6 | 269.2 ± 13.7 | 253.9 ± 13.7 | 255.8 ± 11.5 |
| | | | Testicular Spermatid Count per mg Testis (10 ³ /mg) | 159.8 ± 6.3 * | 150.7 ± 6.9 | 141.9 ± 4.8 | 144.4 ± 6.4 |
| | | | Percent Motile Sperm | 88.5 ± 0.5 | 87.9 ± 0.3 | 87.9 ± 0.3 | 88.2 ± 0.5 |
| | | | Epididymis Weight (g) | 0.584 ± 0.037 * | 0.519 ± 0.008 | 0.524 ± 0.012 | 0.512 ± 0.011 * |
| | | | Cauda Epididymis Weight (g) | 0.230 ± 0.035 ** | 0.197 ± 0.007 | 0.188 ± 0.004 | 0.179 ± 0.006 |
| | | | Cauda Epididymis Sperm Count (millions) | 148.4 ± 17.4 | 111.0 ± 8.2 | 115.3 ± 7.8 | 116.3 ± 8.4 |
| | | | Sperm Count per mg Cauda Epididymis (10 ³ /mg) | 670.6 ± 45.9 | 561.6 ± 30.8 | 615.7 ± 44.1 | 642.8 ± 33.1 |

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LEGEND

Data are displayed as mean \pm SEM

Statistical analysis performed by Jonckheere (trend) and then a pairwise test. William/Dunnett pairwise tests are used for organ weights, Shirley/Dunn pairwise tests are used for all other endpoints.

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

**** END OF REPORT ****