

Study Number: C20323-04
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

R06: Andrology Summary
Test Compound: Resveratrol
CAS Number: 501-36-0

Date Report Requested: 06/07/2019
Time Report Requested: 13:38:05
Lab: NTP

C Number: C20323-04
Study Gender: Both
PWG Approval Date See web page for date of PWG Approval

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Male

Generation	Litter ID	Terminal Sac	Cohort	Treatment Groups (mg/kg)				
				0	625	1250	2500	
		SD 92 - 92		No. Examined	10	10	10	10
				Testis Weight (g)	0.112 ± 0.002	0.113 ± 0.001	0.112 ± 0.002	0.114 ± 0.001
				Testicular Spermatid Count (10 ⁶)	23.8 ± 1.9	22.3 ± 1.8	21.9 ± 2.2	22.1 ± 1.8
				Testicular Spermatid Count per g Testis (10 ⁶ /g)	214.1 ± 18.0	198.4 ± 16.3	195.2 ± 18.3	193.2 ± 15.4
				Percent Motile Sperm	85.7 ± 0.3	86.6 ± 0.6	86.2 ± 0.9	86.2 ± 0.6
				Epididymis Weight (g)	0.040 ± 0.001	0.041 ± 0.001	0.041 ± 0.001	0.042 ± 0.001
				Cauda Epididymis Weight (g)	0.014 ± 0.000	0.015 ± 0.000	0.014 ± 0.001	0.015 ± 0.001
				Cauda Epididymis Sperm Count (millions)	22.8 ± 1.5	17.4 ± 1.1 *	19.6 ± 1.6	19.9 ± 1.4
				Sperm Count per mg Cauda Epididymis (10 ³ /mg)	1609.6 ± 72.7	1189.8 ± 63.2 **	1403.9 ± 129.7	1331.5 ± 96.3

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LEGEND

Data are displayed as mean \pm SEM.

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

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

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****