

Study Number: C20323-02
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Resveratrol
CAS Number: 501-36-0

Date Report Requested: 02/03/2020
Time Report Requested: 09:03:35
Lab: Battelle

C Number: C20323-02
Study Gender: Both
PWG Approval Date See web page for date of PWG Approval

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Males															
Treatment Groups (mg/kg/day)															
	0			156			312			625			1250		
Terminal Body Wt. (g)	24.7	± 0.7	(5)	25.0	± 0.8	(5)	26.4	± 1.1	(5)	25.5	± 0.9	(5)	24.3	± 0.5	(5)
Heart															
Absolute (g)	0.17	± 0.01	(5)	0.18	± 0.01	(5)	0.20	± 0.01	(5)	0.19	± 0.01	(5)	0.17	± 0.01	(5)
Relative (mg/g)	6.98	± 0.24	(5)	7.05	± 0.21	(5)	7.55	± 0.21	(5)	7.35	± 0.23	(5)	7.10	± 0.30	(5)
R. Kidney															
Absolute (g)	0.26	± 0.01	(5)	0.24	± 0.02	(5)	0.27	± 0.02	(5)	0.25	± 0.01	(5)	0.24	± 0.01	(5)
Relative (mg/g)	10.35	± 0.29	(5)	9.66	± 0.39	(5)	10.18	± 0.24	(5)	9.74	± 0.31	(5)	10.05	± 0.19	(5)
Liver															
Absolute (g)	1.45	± 0.05	(5)	1.52	± 0.08	(5)	1.64	± 0.12	(5)	1.60	± 0.08	(5)	1.55	± 0.05	(5)
Relative (mg/g)	58.63	± 0.95	(5)	60.94	± 1.31	(5)	61.85	± 1.93	(5)	62.82	± 1.97	(5)	63.79	± 1.57	(5)
Lung															
Absolute (g)	0.28	± 0.01	(5)	0.25	± 0.01	(5)	0.35	± 0.01	(5) *	0.30	± 0.03	(5)	0.29	± 0.02	(5)
Relative (mg/g)	11.33	± 0.63	(5)	10.22	± 0.69	(5)	13.28	± 0.31	(5)	11.83	± 0.84	(5)	11.79	± 0.78	(5)
R. Testis															
Absolute (g)	0.100	± 0.005	(5)	0.097	± 0.003	(5)	0.102	± 0.002	(5)	0.092	± 0.008	(5)	0.096	± 0.001	(5)
Relative (mg/g)	4.05	± 0.12	(5)	3.90	± 0.12	(5)	3.86	± 0.11	(5)	3.58	± 0.22	(5)	3.98	± 0.07	(5)
Thymus															
Absolute (g)	0.054	± 0.002	(5) *	0.052	± 0.004	(5)	0.054	± 0.004	(5)	0.062	± 0.008	(5)	0.046	± 0.004	(5)
Relative (mg/g)	2.20	± 0.08	(5)	2.09	± 0.14	(5)	2.05	± 0.16	(5)	2.45	± 0.36	(5)	1.88	± 0.15	(5)

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Males

	Treatment Groups		
	2500		
Terminal Body Wt. (g)	24.4	± 0.7	(5)
Heart			
Absolute (g)	0.17	± 0.00	(5)
Relative (mg/g)	7.06	± 0.12	(5)
R. Kidney			
Absolute (g)	0.24	± 0.01	(5)
Relative (mg/g)	9.75	± 0.13	(5)
Liver			
Absolute (g)	1.49	± 0.05	(5)
Relative (mg/g)	61.11	± 0.68	(5)
Lung			
Absolute (g)	0.24	± 0.02	(5)
Relative (mg/g)	9.69	± 0.81	(5)
R. Testis			
Absolute (g)	0.096	± 0.003	(5)
Relative (mg/g)	3.92	± 0.04	(5)
Thymus			
Absolute (g)	0.046	± 0.001	(5)
Relative (mg/g)	1.90	± 0.03	(5)

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Females

Treatment Groups (mg/kg/day)

	0	156	312	625	1250
Terminal Body Wt. (g)	19.9 ± 0.2 (5)	19.5 ± 0.4 (5)	20.1 ± 0.5 (5)	20.3 ± 0.4 (5)	19.6 ± 0.5 (5)
Heart					
Absolute (g)	0.15 ± 0.00 (5)	0.14 ± 0.01 (5)	0.15 ± 0.01 (5)	0.17 ± 0.01 (5)	0.14 ± 0.00 (5)
Relative (mg/g)	7.33 ± 0.15 (5)	7.05 ± 0.26 (5)	7.58 ± 0.45 (5)	8.21 ± 0.46 (5)	7.17 ± 0.23 (5)
R. Kidney					
Absolute (g)	0.16 ± 0.01 (5)	0.15 ± 0.00 (5)	0.16 ± 0.00 (5)	0.17 ± 0.01 (5)	0.16 ± 0.01 (5)
Relative (mg/g)	8.13 ± 0.30 (5)	7.90 ± 0.10 (5)	7.85 ± 0.07 (5)	8.20 ± 0.31 (5)	8.16 ± 0.12 (5)
Liver					
Absolute (g)	1.19 ± 0.05 (5)	1.16 ± 0.04 (5)	1.18 ± 0.04 (5)	1.22 ± 0.03 (5)	1.19 ± 0.04 (5)
Relative (mg/g)	59.95 ± 2.07 (5) **	59.39 ± 0.65 (5)	58.76 ± 1.42 (5)	60.42 ± 0.90 (5)	60.64 ± 1.16 (5)
Lung					
Absolute (g)	0.27 ± 0.02 (5)	0.22 ± 0.02 (5)	0.30 ± 0.02 (5)	0.26 ± 0.02 (5)	0.23 ± 0.02 (5)
Relative (mg/g)	13.53 ± 0.75 (5)	11.32 ± 0.95 (5)	14.93 ± 0.86 (5)	13.02 ± 1.13 (5)	11.83 ± 0.90 (5)
Thymus					
Absolute (g)	0.067 ± 0.004 (5)	0.070 ± 0.004 (5)	0.069 ± 0.003 (5)	0.074 ± 0.005 (5)	0.068 ± 0.002 (5)
Relative (mg/g)	3.36 ± 0.21 (5)	3.58 ± 0.18 (5)	3.42 ± 0.19 (5)	3.67 ± 0.22 (5)	3.47 ± 0.13 (5)

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Females

	Treatment Groups		
	2500		
Terminal Body Wt. (g)	19.6	± 0.4	(5)
Heart			
Absolute (g)	0.15	± 0.00	(5)
Relative (mg/g)	7.88	± 0.26	(5)
R. Kidney			
Absolute (g)	0.15	± 0.00	(5)
Relative (mg/g)	7.76	± 0.21	(5)
Liver			
Absolute (g)	1.30	± 0.05	(5)
Relative (mg/g)	66.21	± 1.78	(5) **
Lung			
Absolute (g)	0.30	± 0.01	(5)
Relative (mg/g)	15.13	± 0.37	(5)
Thymus			
Absolute (g)	0.069	± 0.004	(5)
Relative (mg/g)	3.52	± 0.24	(5)

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LEGEND

Values are displayed as mean \pm SEM (N).

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

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 ****