Table 4. Hormone and Enzymes Summary

Endpoint	0 mg/kg N = 5	55 mg/kg N = 5	110 mg/kg N = 5	220 mg/kg N = 5	441 mg/kg N = 5	881 mg/kg N = 5	BMD$_{1Std}$ (mg/kg)	BMD$_{L1Std}$ (mg/kg)
Free Thyroxine (µg/dL)	5.122 ± 0.227**	5.114 ± 0.196	4.678 ± 0.304	4.274 ± 0.263*	4.066 ± 0.331*	1.870 ± 0.429**	178	139
Cholinesterase (IU/L)	277.4 ± 16.6**	178.4 ± 8.0**	162.6 ± 7.6**	116.6 ± 5.8**	108.8 ± 8.3**	82.8 ± 2.1**	PMF	PMF

Data are displayed as mean ± standard error of the mean.
Statistical analysis performed by Jonkheere's (trend) and Shirley's or Dunn's (pairwise) tests.
Statistical significance for the control group indicates a significant trend test.
*Statistically significant at p ≤ 0.05; ** statistically significant at p ≤ 0.01.
Benchmark response (BMR) set at 1 standard deviation from the mean.
Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group. PMF = no BMD/BMD$_L$ selected due to poor model fit.