

Table 1  
Results of estrous and spermatogenic endpoints

Parameter	Dose Level, mg/kg/day			
	0	5	50	500
Females				
estrous cycle length, days	4.6+/-0.93	4.7+/-0.91	5.2+/-1.81	4.9+/-1.27
Males				
# sperm/gram tissue in left testis, in millions	95.4+/-21.01	110.7+/-32.04	113.6+/-22.35	102.3+/-14.13
# sperm/gram tissue in left epididymis, in millions	348.9+/-108.9	340.6+/-79.8	381.8+/-153.46	385.0+/-147.58
sperm motility assessment, %	82.9+/-9.92	83.3+/-7.76	81.0+/-13.5	74.4+/-16.47
sperm morphology				
normal, %	99.4+/-0.68	99.8+/-0.32	99.6+/-0.62	98.87+/-1.17
normally shaped head separated from flagellum, %	0.5+/-0.64	0.1+/-0.30	0.4+/-0.61	0.8+/-0.77
head absent with normal flagellum, %	0.0+/-0.13	0.1+/-0.18	0.1+/-0.18	0.3+/-0.56

Mean+/-S.D.

No values were significantly different from control group, p<0.05.