

Table 4

Distribution and cumulative excretion of radioactivity following a single gavage or intravenous administration of [¹⁴C]BPS in male and female B6C3F1/N mice^a.

Sample	End of collection period (h)	Cumulative percent of dose excreted/recovered		
		Male		Female
		150 mg/kg Gavage	50 mg/kg IV	150 mg/kg Gavage
Urine	24	34.3 ± 17.0	30.5 ± 20.2	32.2 ± 11.4
	48	41.4 ± 16.3	32.7 ± 18.9	34.1 ± 11.5
	72	41.8 ± 15.9	33.2 ± 18.9	34.3 ± 11.6
Cage rinse	24	20.9 ± 12.0	30.8 ± 10.2	28.8 ± 7.86
	48	27.2 ± 13.0	33.0 ± 10.1	31.9 ± 8.57
	72	28.6 ± 13.2	34.9 ± 10.0	33.0 ± 8.56
Total urine + cage rinse	72	70.4 ± 4.52	68.0 ± 12.8	67.2 ± 10.0
Feces	24	8.62 ± 3.25	15.6 ± 11.2	14.8 ± 8.21
	48	12.1 ± 2.54	17.6 ± 11.8	16.7 ± 7.98
	72	12.4 ± 2.44	18.0 ± 11.8	17.0 ± 8.16
GI tract contents ^c	72	0.01 ± 0.01	0.02 ± 0.01	ND ^b
Tissues ^c	72	0.19 ± 0.13	0.13 ± 0.04	0.11 ± 0.10
Total recovered	-	83.1 ± 2.89	86.0 ± 3.14	84.4 ± 2.05

^a Mean ± SD for 4 animals.

^b ND, not determined. Values were below limit of quantitation.

^c Collected at study termination which is 72 h.