

**Table 3**  
Distribution and cumulative excretion of radioactivity following a single gavage or intravenous administration of [<sup>14</sup>C]BPS in male and female Harlan Sprague Dawley rats<sup>a</sup>.

Sample	End of collection period (h)	Cumulative percent of dose excreted/recovered					
		Male				Female	
		50 mg/kg Gavage, 72 h	150 mg/kg Gavage, 72 h	500 mg/kg Gavage, 72 h	150 mg/kg Gavage, 24 h	50 mg/kg IV, 72 h	150 mg/kg Gavage, 72 h
Urine	8	8.97 ± 5.85	6.59 ± 1.69	4.29 ± 1.19	9.45 ± 3.87	12.3 ± 2.32	7.41 ± 2.80
	24	34.4 ± 9.29	28.3 ± 3.97	17.0 ± 5.40	31.7 ± 6.44	29.5 ± 3.64	25.9 ± 2.66
	48	57.3 ± 8.08	46.1 ± 5.61	32.2 ± 6.89	NA <sup>b</sup>	40.3 ± 5.08	42.3 ± 5.17
	72	60.1 ± 6.81	52.4 ± 4.33	41.3 ± 6.94	NA	42.1 ± 4.50	50.3 ± 7.04
Cage rinse	8	3.81 ± 1.46	4.66 ± 1.15	1.74 ± 1.21	4.83 ± 1.15	2.93 ± 0.69	7.43 ± 1.14
	24	8.49 ± 1.26	9.18 ± 1.31	3.95 ± 1.45	12.2 ± 3.64	5.63 ± 1.48	12.6 ± 2.16
	48	11.0 ± 1.73	13.1 ± 2.77	5.19 ± 1.44	NA	6.72 ± 1.60	16.5 ± 2.16
	72	12.2 ± 2.07	14.8 ± 3.20	6.96 ± 1.72	NA	7.34 ± 1.87	18.9 ± 5.85
Total urine + cage rinse	72	72.2 ± 6.81	67.2 ± 1.85	48.3 ± 8.29	43.9 ± 3.29	49.4 ± 3.98	69.2 ± 6.15
Feces	24	7.88 ± 5.53	10.4 ± 5.73	12.5 ± 12.5	8.03 ± 4.38	10.8 ± 6.88	2.68 ± 3.59
	48	13.9 ± 4.46	18.5 ± 5.83	24.6 ± 8.74	NA	29.3 ± 1.80	10.3 ± 5.64
	72	16.4 ± 5.05	22.1 ± 3.78	30.4 ± 8.83	NA	32.5 ± 3.42	16.2 ± 5.79
GI tract contents <sup>c</sup>	-	0.69 ± 0.44	2.01 ± 1.95	7.46 ± 1.58	25.4 ± 5.60	0.57 ± 0.30	1.90 ± 1.11
Tissues <sup>c</sup>	-	0.18 ± 0.15	0.48 ± 0.39	2.37 ± 0.72	7.34 ± 1.12	0.15 ± 0.06	0.55 ± 0.36
Total recovered	-	89.5 ± 1.83	91.9 ± 1.74	89.1 ± 1.53	86.1 ± 2.05	82.6 ± 0.47	87.9 ± 0.49

<sup>a</sup> Mean ± SD for 4 animals.

<sup>b</sup> NA, Not applicable.

<sup>c</sup> Collected at study termination which is either 24 or 72 h.