

**Distribution of Radioactivity 72 Hours Following Oral Administration of
100 mg/kg [¹⁴C]Butyl Paraben to Male Sprague Dawley Rats – Group 1c**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	1c-1	1c-2	1c-3	1c-4	Mean	SD
Urine	0 to 4	16.4	14.7	2.44	18.3	12.9	7.14
Urine	4 to 8	17.4	9.39	16.3	14.3	14.3	3.53
Urine	8 to 12	27.2	24.7	18.4	27.3	24.4	4.15
Urine	12 to 24	13.6	26.5	18.3	14.9	18.3	5.79
Urine	24 to 48	6.13	6.76	21.2	3.82	9.5	7.91
Urine	48 to 72 ^a	1.37	0.72	2.72	1.15	1.49	0.86
Cage Rinse	0 to 72	2.51	0.94	2.67	1.59	1.93	0.81
-	Subtotal	84.6	83.7	82.0	81.4	82.9	1.5
Feces	0 to 24	2.36	3.43	3.59	3.66	3.26	0.61
Feces	24 to 48	0.24	0.19	0.29	0.07	0.2	0.09
Feces	48 to 72	0.08	0.09	0.16	0.53	0.22	0.21
-	Subtotal	2.68	3.71	4.04	4.26	3.67	0.7
Total	-	87.3	87.4	86.1	85.6	86.6	0.89

Distribution in Tissues (72 h)

Tissue	ng-eq/g Mean	ng-eq/g SD	TBR Mean	TBR SD	Percent Recovery Mean	Percent Recovery SD
Adipose Perirenal ^b	143	66.4	2.31	1.37	0.01	0.00
Muscle (hind leg) ^b	208	56.6	3.17	1.04	0.08	0.02
Skin (abdominal) ^b	281	43.8	4.42	1.63	0.05	0.01
Blood ^b	68.2	17.5	Unity	-	0.01	0.00
Plasma ^b	39.7	32.2	0.53	0.29	0.00	0.00
Spleen	522	82.7	7.87	1.36	0.00	0.00
Liver	1690	232	25.5	5.62	0.07	0.01
Kidney	1340	178	20.3	3.83	0.01	0.00
Brain	91.9	26.1	1.35	0.16	0.00	0.00
Heart	561	98.7	8.77	3.29	0.00	0.00
Lung	206	15.9	3.18	0.93	0.00	0.00
Testes	114	10.4	1.74	0.32	0.00	0.00
Total	-	-	-	-	0.24	0.02

Disposition Summary – Percent of Dose Recovered

Sample	1c-1	1c-2	1c-3	1c-4	Mean	SD
Urine ^c	84.6	83.7	82.0	81.4	82.9	1.5
Feces	2.68	3.71	4.04	4.26	3.67	0.7
Tissues	0.22	0.26	0.26	0.22	0.24	0.02
Total	87.5	87.7	86.3	85.7	86.8	0.9

^a Includes urine present in bladder at time of sacrifice.

^b Tissue weights for dispersed tissues were calculated based on body weight as follows: adipose 7.0%, muscle 40.4%, skin 19%, blood 7.4%, and plasma 4.3%.

^c Includes Cage Rinse.