

**Recovery of Radioactivity 48 Hours Following Single Intravenous
Administration of 5 mg/kg [¹⁴C]1-Bromopropane to Male B6C3F₁ Mice (Study K)^a**

Dose Recovered in Excreta (%)

End of Collection Period (h)	Urine CPDE ^b	Feces CPDE	Volatile Organics ^c CPDE	CO ₂ ^c CPDE
4	0.0 ± 0.0	0.1 ± 0.1	43.9 ± 9.4	24.9 ± 3.0 ^d
8	0.0 ± 0.0	0.4 ± 0.4	44.6 ± 9.6	25.7 ± 3.2
12	11.9 ± 9.4	0.9 ± 0.6	44.7 ± 9.6	26.1 ± 3.2
24	20.3 ± 6.0	2.0 ± 0.9	44.7 ± 9.6	27.0 ± 3.4
48 ^e	25.5 ± 5.8	2.9 ± 1.1	44.7 ± 9.6	27.5 ± 3.5

Distribution in Tissues (48 hours)

Tissue	ng-eq per g Tissue Mean	ng-eq per g Tissue SD	Dose in Total Tissue (%) Mean	Dose in Total Tissue (%) SD
Adipose ^f	47.3	27.5	0.093	0.064
Bladder	111	34	0.004	0.001
Blood ^f	69.6	7.3	0.093	0.009
Brain	28.0	2.6	0.010	0.001
Heart	56.0	11.8	0.008	0.002
Kidney	202	51	0.082	0.018
Liver	164	26	0.432	0.491
Lung	103	6.8	0.016	0.001
Muscle ^f	40.0	4.9	0.415	0.079
Skin ^f	74.1	12.4	0.332	0.046
Spleen	75.2	8.5	0.004	0.001
Testes	31.6	2.2	0.006	0.000
Stomach ^g	3.1	0.6	0.020	0.004
Small Intestine ^g	14.4	1.6	0.112	0.026
Cecum ^g	7.1	2.2	0.048	0.011
Large Intestine ^g	3.6	1.9	0.026	0.004
Residual Carcass ^h	ND ⁱ	—	0.33	0.13

Disposition Summary [Dose Recovered (%)]

Tissues	Excreted	Total
2.0 ± 0.6	100.7 ± 13.3	102.8 ± 13.4

^a All values expressed as mean ± standard deviation (SD) (n = 4 except where noted). Actual dose was 3.7 ± 0.5 mg/kg body weight (2.2 ± 0.3 µCi).

^b CPDE = cumulative percent dose excreted

^c Volatile organics and CO₂ in exhaled breath

^d n = 3; sample from mouse #2 lost; for statistical calculations, this sample was assumed to contain an amount equal to the mean for the other 3 mice.

^e Includes urine present in the bladder at study termination and cage rinse.

^f Percent of dose in these tissues calculated using the following percentages of body weight: adipose 7.0%, blood 4.9%, muscle 38.4%, and skin 16.53%.

^g Includes contents.

^h Carcass values are based on the residual digested carcass after the removal of the listed tissues (i.e., percent dose measured in skin, adipose, blood, and muscle was subtracted from the total percent dose measured in the carcass).

ⁱ ND= Not determined.