

**Recovery of Radioactivity 48 Hours Following Single Intravenous Administration
of 20 mg/kg [¹⁴C]1-Bromopropane to Male B6C3F₁ Mice (Study L)^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	0.0 ± 0.0	39.0 ± 10.1	22.5 ± 3.4
8	0.0 ± 0.0	0.4 ± 0.2	39.2 ± 10.0	23.3 ± 3.4
12	2.1 ± 4.2	1.0 ± 0.3	39.2 ± 10.1	23.6 ± 3.4
24	15.2 ± 6.9	2.9 ± 2.1	39.3 ± 10.1	25.1 ± 4.8
48 ^d	22.2 ± 4.9	3.7 ± 1.7	39.3 ± 10.1	25.6 ± 4.8

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 ^e	180	48	0.073	0.025
Bladder	592	162	0.005	0.005
Blood ^e	268	53	0.076	0.013
Brain	123	20	0.008	0.002
Heart	255	66	0.007	0.001
Kidney	657	311	0.058	0.023
Liver	592	230	0.138	0.050
Lung	448	111	0.332	0.001
Muscle ^e	134	22	0.300	0.069
Skin ^e	353	66	0.333	0.041
Spleen	332	75	0.026	0.042
Testes	138	31	0.005	0.001
Stomach ^f	17.6	9.7	0.020	0.009
Small Intestine ^f	71.1	11.1	0.132	0.064
Cecum ^f	39.4	19.8	0.046	0.020
Large Intestine ^f	31.5	11.7	0.034	0.011
Residual Carcass ^g	ND ^h	–	0.438	0.064

Disposition Summary [Dose Recovered (%)]

Tissues	Excreted	Total
1.9 ± 0.5	90.9 ± 9.0	92.8 ± 9.4

^a All values expressed as mean ± standard deviation (SD) (n = 4). Actual dose was 17.4 ± 1.4 mg/kg body weight (2.4 ± 0.3 μ Ci).

^b CPDE = cumulative percent dose excreted

^c Volatile organics and CO₂ in exhaled breath

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

^e 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%.

^f Includes contents.

^g 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).

^h ND= Not determined.