

**Recovery of Radioactivity 48 Hours Following Single Intravenous Administration of 100 mg/kg [14C]1-Bromopropane to Male B6C3F<sub>1</sub> Mice (Study M)<sup>a</sup>**

Dose Recovered in Excreta (%)

End of Collection Period (h)	Urine CPDE <sup>b</sup>	Feces CPDE	Volatile Organics <sup>c</sup> CPDE	CO <sub>2</sub> <sup>c</sup> CPDE
4	0.0 ± 0.0	0.1 ± 0.1	47.9 ± 5.5	17.1 ± 3.4
8	5.1 ± 6.9	0.7 ± 0.5	48.1 ± 5.4	17.6 ± 3.5
12	8.9 ± 9.3	1.5 ± 0.7	48.1 ± 5.4	18.0 ± 3.5
24	12.8 ± 7.2	2.6 ± 1.9	48.2 ± 5.4	18.9 ± 3.9
48 <sup>d</sup>	15.8 ± 5.9	3.4 ± 2.6	48.2 ± 5.4	19.3 ± 4.1

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 <sup>e</sup>	910	256	0.062	0.015
Bladder	1988	313	0.552	1.099
Blood <sup>e</sup>	1031	167	0.051	0.014
Brain	492	76	0.104	0.196
Heart	1085	132	0.006	0.002
Kidney	2511	587	0.038	0.012
Liver	2161	448	0.086	0.022
Lung	1653	95	0.009	0.002
Muscle <sup>e</sup>	601	62	0.232	0.061
Skin <sup>e</sup>	1570	76	0.260	0.060
Spleen	1418	75	0.001	0.001
Testes	544	71	0.004	0.001
Stomach <sup>f</sup>	55.0	17.6	0.013	0.004
Small Intestine <sup>f</sup>	284	23	0.076	0.021
Cecum <sup>f</sup>	127	49	0.032	0.016
Large Intestine <sup>f</sup>	86.7	34.6	0.020	0.006
Residual Carcass <sup>g</sup>	ND <sup>h</sup>	—	0.31	0.09

Disposition Summary [Dose Recovered (%)]

Tissues	Excreted	Total
1.2 ± 0.2	86.7 ± 13.6	87.9 ± 13.8

<sup>a</sup> All values expressed as mean ± standard deviation (SD) (n = 4). Actual dose was 104 ± 24 mg/kg body weight (2.6 ± 0.5 uCi).

<sup>b</sup> CPDE = cumulative percent dose excreted

<sup>c</sup> Volatile organics and CO<sub>2</sub> in exhaled breath

<sup>d</sup> Includes urine present in the bladder at study termination and cage rinse.

<sup>e</sup> 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%.

<sup>f</sup> Includes contents.

<sup>g</sup> 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).

<sup>h</sup> ND= Not determined.