

**Distribution of Radioactivity Through 72 Hours Following Oral Gavage Administration of
21 mg/kg [¹⁴C]Dibromoacetonitrile to Male B6C3F1 Mice – Group 6**

Dose Recovered in Excreta (%)^a

End of Collection Period (h)	Urine CPDE ^b	Feces CPDE	CO ₂ CPDE	Volatile Breath CPDE	Total CPDE
8h	8.96 ± 16.6	NC ^d	9.60 ± 0.36	0.566 ± 0.140	19.1 ± 16.6
24	44.2 ± 7.7	7.81 ± 2.43	11.5 ± 0.3	0.858 ± 0.172	64.4 ± 7.8
48	51.1 ± 4.2	8.99 ± 2.42	12.3 ± 0.3	0.899 ± 0.182	73.3 ± 4.1
72c	61.9 ± 4.3	10.5 ± 2.3	12.9 ± 0.3	0.915 ± 0.183	86.2 ± 2.7

Distribution in Tissues (72 hours)^a

Tissue	ng-eq per g Tissue Mean	ng-eq per g Tissue SD	TBR ^e Mean	TBR SD	% Dose in Total Tissue Mean	% Dose in Total Tissue SD
Adipose	440	140	0.299	0.095	0.197	0.055
Blood	1480	98	Unity	–	0.516	0.035
Brain	294	28	0.199	0.009	0.0256	0.0029
Heart	701	43	0.477	0.044	0.0159	0.0014
Kidney	2080	220	1.41	0.16	0.154	0.015
Liver	5240	1140	3.53	0.55	1.13	0.19
Lung	1200	80	0.813	0.031	0.0319	0.0020
Muscle	375	32	0.255	0.020	0.774	0.025
Skin	476	66	0.321	0.025	0.317	0.040
Spleen	1110	30	0.757	0.058	0.0130	0.0021
Testis	392	23	0.266	0.004	0.0126	0.0014
Total in Tissues	–	–	–	–	3.19	0.25

^a All values expressed as mean ± standard deviation (SD) (N = 4).

^bCPDE = Cumulative percent dose excreted.

^c72 hour (h) urine collection includes cage rinse.

^dNC = Not collected

^eTBR = Tissue/Blood ratio.