

**Distribution of Radioactivity Through 72 Hours Following Oral Gavage Administration of
2 mg/kg [¹⁴C]Dibromoacetonitrile to Male F-344 Rats – Group 1**

Dose Recovered in Excreta (%)^a

End of Collection Period (h)	Urine CPDE ^b	Feces CPDE	CO ₂ CPDE	Volatile Breath CPDE	Total CPDE
8	34.1 ± 5.1	NC ^d	6.79 ± 0.66	1.01 ± 0.58	41.9 ± 5.4
24	59.6 ± 4.5	14.2 ± 4.6	9.67 ± 0.94	2.44 ± 1.38	85.9 ± 3.5
48	63.4 ± 5.0	15.5 ± 4.5	10.6 ± 1.1	2.95 ± 1.62	92.4 ± 2.7
72 ^c	64.6 ± 5.1	15.8 ± 4.3	11.2 ± 1.0	3.08 ± 1.66	94.6 ± 2.5

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	5.78	2.25	0.238	0.071	0.204	0.081
Blood	24.0	4.2	Unity	–	0.629	0.111
Brain	3.04	0.17	0.129	0.022	0.0121	0.0004
Heart	10.3	0.2	0.439	0.083	0.0169	0.0012
Kidney	30.5	2.3	1.30	0.20	0.117	0.009
Liver	63.7	5.2	2.71	0.47	1.27	0.06
Lung	15.2	1.2	0.646	0.118	0.0318	0.0044
Muscle	5.11	0.37	0.216	0.028	1.24	0.09
Skin	12.2	1.2	0.515	0.078	1.04	0.11
Spleen	16.1	1.3	0.679	0.078	0.0182	0.0018
Testis	5.08	0.26	0.216	0.039	0.0320	0.0012
Total in Tissues	–	–	–	–	4.64	0.41

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

^b CPDE = Cumulative percent dose excreted.

^c 72 hour (h) urine collection includes cage rinse.

^d NC = Not collected.

^e TBR = Tissue/Blood ratio