

**Distribution of Radioactivity Through 72 Hours Following Intravenous Administration of
2 mg/kg [¹⁴C]Dibromoacetonitrile to Male F-344 Rats – Group 3**

Dose Recovered in Excreta (%)^a

End of Collection Period (h)	Urine CPDE ^b	Feces CPDE	CO ₂ CPDE	Volatile Breath CPDE	Total CPDE
8	26.1 ± 1.6	NC ^d	3.64 ± 0.16	0.647 ± 0.026	30.4 ± 1.7
24	50.2 ± 2.2	1.12 ± 0.32	6.67 ± 0.23	1.33 ± 0.15	59.4 ± 2.4
48	56.0 ± 2.7	2.32 ± 0.24	7.82 ± 0.36	1.60 ± 0.21	67.7 ± 2.5
72 ^c	60.4 ± 3.1	2.90 ± 0.44	8.50 ± 0.40	1.72 ± 0.21	73.5 ± 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	85.0	2.4	0.0555	0.0041	0.275	0.011
Blood	1530	75	unity	–	3.69	0.18
Brain	488	93	0.321	0.080	0.165	0.033
Heart	814	34	0.532	0.050	0.121	0.006
Kidney	880	42	0.576	0.058	0.298	0.030
Liver	837	96	0.546	0.052	1.63	0.20
Lung	966	120	0.632	0.090	0.164	0.031
Muscle	380	41	0.249	0.036	8.43	0.90
Skin	472	101	0.309	0.071	3.70	0.76
Spleen	937	224	0.627	0.136	0.0964	0.022
Testis	140	15	0.0917	0.0138	0.0752	0.0070
Total in Tissues	–	–	–	–	18.65	1.45

^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