

**Distribution of Radioactivity in Tissues 4 Hours Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetonitrile
to Male F-344 Rats – Group 8**

Distribution in Tissues (4 hours)^a

Tissue	ng-eq per g Tissue Mean	ng-eq per g Tissue SD	TBR^d Mean	TBR SD	% Dose in Total Tissue Mean	% Dose in Total Tissue SD
Adipose	222	10	0.272	0.023	0.729	0.034
Blood	821	112	unity	–	2.00	0.27
Brain	399	83	0.495	0.136	0.135	0.030
Heart	694	22	0.853	0.087	0.107	0.011
Kidney	1800	160	2.22	0.40	0.653	0.023
Liver	2010	180	2.49	0.49	4.62	0.23
Lung	809	97	0.990	0.110	0.183	0.039
Muscle	807	51	0.990	0.086	18.2	1.3
Skin	558	31	0.688	0.098	4.46	0.27
Spleen	839	11	1.03	0.14	0.0940	0.0042
Testis	572	49	0.709	0.133	0.312	0.020
Stomach ^b	–	–	–	–	17.3	2.9
Small Intestine ^b	–	–	–	–	9.30	0.59
Cecum ^b	–	–	–	–	3.05	0.05
Large Intestine ^b	–	–	–	–	0.767	0.238
Carcass ^c	–	–	–	–	0.6	1.0
Total in Tissues and Carcass^c	–	–	–	–	62.5	0.5

^a All values expressed as mean ± standard deviation (SD) (N = 3).

^b includes contents

^c Carcass corrected for radioactivity associated with blood, skin, adipose, and muscle.

^d TBR = Tissue/Blood ratio.