

**Distribution of Radioactivity in Tissues 48 Hours Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetonitrile
to Male F-344 Rats – Group 8**

Distribution in Tissues (48 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	66.5	5.7	0.533	0.066	0.301	0.022
Blood	125	6	Unity	–	0.440	0.026
Brain	32.9	5.5	0.264	0.053	0.0247	0.0052
Heart	78.8	1.9	0.631	0.032	0.0207	0.0027
Kidney	298	31	2.39	0.32	0.216	0.029
Liver	510	27	4.08	0.34	1.35	0.06
Lung	139	11	1.12	0.13	0.0353	0.0070
Muscle	43.6	0.3	0.349	0.017	0.908	0.007
Skin	64.5	3.6	0.517	0.048	0.432	0.019
Spleen	131	21	1.05	0.19	0.0164	0.0031
Testis	56.7	8.8	0.455	0.082	0.0181	0.0013
Stomach ^b	–	–	–	–	1.75	0.16
Small Intestine ^b	–	–	–	–	0.354	0.035
Cecum ^b	–	–	–	–	0.131	0.036
Large Intestine ^b	–	–	–	–	0.0635	0.0104
Carcass ^c	–	–	–	–	0.12	0.02
Total in Tissues and Carcass^c	–	–	–	–	6.18	0.05

^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.