

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

Distribution in Tissues (2 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	201	22	0.228	0.046	0.673	0.067
Blood	893	80	unity	–	2.22	0.23
Brain	364	35	0.411	0.057	0.132	0.010
Heart	729	10	0.820	0.068	0.115	0.004
Kidney	1650	150	1.86	0.23	0.593	0.036
Liver	2320	140	2.60	0.08	5.39	0.29
Lung	819	53	0.920	0.057	0.165	0.041
Muscle	692	38	0.781	0.100	16.0	1.4
Skin	725	67	0.816	0.099	5.92	0.77
Spleen	931	43	1.05	0.12	0.107	0.006
Testis	404	18	0.453	0.029	0.220	0.015
Stomach ^b	–	–	–	–	27.3	4.9
Small Intestine ^b	–	–	–	–	12.8	2.4
Cecum ^b	–	–	–	–	0.862	0.368
Large Intestine ^b	–	–	–	–	0.321	0.041
Carcass ^c	–	–	–	–	0.9	1.6
Total in Tissues and Carcass^c	–	–	–	–	73.7	1.5

^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.