

**Distribution of Radioactivity in Tissues 15 Minutes Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetonitrile
to Male F-344 Rats – Group 8**

Distribution in Tissues (15 minutes)^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	119	31	0.270	0.027	0.413	0.108
Blood	439	90	Unity	–	1.13	0.23
Brain	102	13	0.238	0.055	0.0354	0.0034
Heart	313	36	0.723	0.071	0.0490	0.0065
Kidney	771	15	1.80	0.31	0.298	0.020
Liver	3320	220	7.73	1.21	7.84	0.62
Lung	459	87	1.05	0.15	0.0871	0.0269
Muscle	102	13	0.237	0.048	2.42	0.30
Skin	133	16	0.311	0.062	1.12	0.12
Spleen	1090	250	2.49	0.18	0.117	0.020
Testis	83.6	1.5	0.195	0.035	0.0460	0.0010
Stomach ^b	–	–	–	–	55.8	0.4
Small Intestine ^b	–	–	–	–	6.97	1.52
Cecum ^b	–	–	–	–	0.121	0.028
Large Intestine ^b	–	–	–	–	0.108	0.001
Carcass ^c	–	–	–	–	2.32	0.86
Total in Tissues and Carcass^c	–	–	–	–	78.9	4.0

^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.