

**Distribution of Radioactivity in Tissues 4 Hours Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetonitrile
to Male B6C3F₁ Mice – Group 9**

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	1320	1810	3.98	5.60	5.99	8.19
Blood	356	51	unity	–	1.27	0.21
Brain	193	33	0.542	0.076	0.154	0.024
Heart	286	33	0.814	0.150	0.0652	0.0155
Kidney	2120	340	5.95	0.42	1.61	0.20
Liver	1820	30	5.18	0.60	3.86	0.22
Lung	452	51	1.28	0.22	0.132	0.004
Muscle	246	49	0.689	0.073	5.20	1.14
Skin	207	40	0.586	0.128	1.41	0.28
Spleen	604	306	1.75	1.02	0.0912	0.0432
Testis	474	160	1.32	0.40	0.158	0.070
Stomach ^b	–	–	–	–	6.68	1.96
Small Intestine ^b	–	–	–	–	3.96	1.01
Cecum ^b	–	–	–	–	3.26	1.42
Large Intestine ^b	–	–	–	–	1.47	0.93
Carcass ^c	–	–	–	–	12.1	14.3
Total in Tissues and Carcass^c	–	–	–	–	47.3	14.2

^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.