

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

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	636	455	1.20	0.915	3.09	2.22
Blood	548	47	unity	–	2.06	0.16
Brain	380	72	0.693	0.110	0.324	0.039
Heart	535	109	0.981	0.197	0.132	0.033
Kidney	5310	450	9.69	0.02	3.76	0.43
Liver	2320	260	4.26	0.66	5.40	0.23
Lung	987	287	1.82	0.59	0.309	0.120
Muscle	541	115	0.988	0.183	12.0	2.5
Skin	423	79	0.780	0.188	3.03	0.58
Spleen	675	84	1.23	0.10	0.0866	0.0165
Testis	526	121	0.961	0.199	0.195	0.042
Stomach ^b	–	–	–	–	14.0	2.6
Small Intestine ^b	–	–	–	–	6.20	2.66
Cecum ^b	–	–	–	–	1.48	0.55
Large Intestine ^b	–	–	–	–	0.777	0.317
Carcass ^c	–	–	–	–	1.6	1.5
Total in Tissues and Carcass^c	–	–	–	–	52.8	3.8

^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.