

**Distribution of Radioactivity in Tissues 1 Hour Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetonitrile
to Male B6C3F₁ Mice – Group 9**

Distribution in Tissues (1 hour)^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	257	273	0.396	0.401	1.20	1.27
Blood	628	38	unity	–	2.30	0.12
Brain	319	40	0.508	0.032	0.275	0.014
Heart	509	121	0.805	0.142	0.131	0.016
Kidney	5360	420	8.54	0.27	4.05	0.34
Liver	2870	130	4.60	0.48	6.86	0.34
Lung	779	384	1.22	0.53	0.250	0.119
Muscle	436	93	0.690	0.105	9.39	1.87
Skin	368	112	0.583	0.148	2.56	0.75
Spleen	655	156	1.04	0.20	0.103	0.009
Testis	390	85	0.617	0.098	0.137	0.016
Stomach ^b	–	–	–	–	19.0	2.2
Small Intestine ^b	–	–	–	–	13.1	1.7
Cecum ^b	–	–	–	–	0.256	0.103
Large Intestine ^b	–	–	–	–	0.330	0.102
Carcass ^c	–	–	–	–	5.3	4.7
Plasma	762	54	–	–	–	–
Total in Tissues and Carcass^c	–	–	–	–	64.8	4.7

^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.