

**Distribution of Radioactivity in Tissues 48 Hours Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetonitrile
to Male F-344 Rats – Group 8**

Distribution in Tissues (48 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	56.7	7.1	0.193	0.019	0.193	0.025
Blood	293	9	Unity	–	0.741	0.028
Brain	37.8	2.0	0.129	0.003	0.0141	0.0012
Heart	149	12	0.508	0.032	0.025	0.002
Kidney	413	15	1.41	0.09	0.147	0.009
Liver	792	5	2.70	0.10	2.05	0.06
Lung	221	20	0.754	0.058	0.0482	0.0061
Muscle	74.0	13.3	0.252	0.040	1.74	0.35
Skin	151	20	0.515	0.083	1.25	0.17
Spleen	235	3	0.802	0.031	0.0265	0.0007
Testis	49.3	1.9	0.168	0.012	0.0274	0.0012
Stomach ^b	–	–	–	–	1.96	0.54
Small Intestine ^b	–	–	–	–	0.327	0.020
Cecum ^b	–	–	–	–	0.144	0.015
Large Intestine ^b	–	–	–	–	0.0924	0.0236
Carcass ^c	–	–	–	–	0.30	0.27
Total in Tissues and Carcass^c	–	–	–	–	9.08	0.73

^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.