

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

Distribution in Tissues (8 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	199	69	0.274	0.101	0.665	0.233
Blood	733	51	unity	–	1.82	0.12
Brain	253	23	0.346	0.028	0.0963	0.0089
Heart	457	32	0.624	0.007	0.0647	0.0050
Kidney	1530	90	2.10	0.03	0.533	0.038
Liver	2220	10	3.04	0.22	4.35	0.35
Lung	611	87	0.832	0.069	0.114	0.011
Muscle	413	51	0.562	0.031	9.45	1.11
Skin	495	39	0.676	0.023	4.02	0.29
Spleen	632	48	0.862	0.009	0.0684	0.0065
Testis	309	47	0.421	0.051	0.168	0.023
Stomach ^b	–	–	–	–	4.06	0.78
Small Intestine ^b	–	–	–	–	2.78	0.33
Cecum ^b	–	–	–	–	6.40	1.31
Large Intestine ^b	–	–	–	–	3.79	1.93
Carcass ^c	–	–	–	–	2.3	1.1
Plasma	574	7	–	–	–	–
Total in Tissues and Carcass^c	–	–	–	–	40.7	1.4

^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.