

**Distribution of Radioactivity in Tissues 1 Hour Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetonitrile
to Male F-344 Rats – Group 8**

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	93.6	20.4	0.113	0.021	0.327	0.068
Blood	825	30	unity	–	2.13	0.58
Brain	244	21	0.295	0.015	0.0958	0.0065
Heart	565	14	0.686	0.008	0.0926	0.0026
Kidney	1350	50	1.64	0.02	0.561	0.026
Liver	3160	180	3.83	0.12	7.15	0.29
Lung	596	60	0.722	0.050	0.124	0.007
Muscle	431	18	0.523	0.016	10.3	0.4
Skin	403	29	0.490	0.048	3.42	0.27
Spleen	954	124	1.15	0.11	0.120	0.016
Testis	249	37	0.303	0.050	0.147	0.025
Stomach ^b	–	–	–	–	36.4	2.5
Small Intestine ^b	–	–	–	–	12.1	1.1
Cecum ^b	–	–	–	–	0.241	0.025
Large Intestine ^b	–	–	–	–	0.171	0.015
Carcass ^c	–	–	–	–	3.6	0.9
Plasma	749	19	–	–	–	–
Total in Tissues and Carcass^c	–	–	–	–	77.1	1.6

^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.