

**Distribution of Radioactivity in Tissues 24 Hours Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetonitrile
to Male F-344 Rats – Group 8**

Distribution in Tissues (24 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	75.4	7.8	0.195	0.014	0.247	0.026
Blood	386	25	Unity	–	0.940	0.061
Brain	63.7	8.1	0.166	0.030	0.0207	0.0062
Heart	186	5	0.483	0.044	0.0289	0.0023
Kidney	577	31	1.50	0.04	0.210	0.014
Liver	1300	60	3.38	0.15	2.75	0.16
Lung	387	74	0.999	0.151	0.0867	0.0101
Muscle	94.0	1.1	0.244	0.018	2.11	0.02
Skin	153	23	0.398	0.067	1.22	0.18
Spleen	290	15	0.751	0.018	0.0308	0.0002
Testis	90.0	6.5	0.234	0.015	0.0508	0.0027
Stomach ^b	–	–	–	–	3.41	0.77
Small Intestine ^b	–	–	–	–	0.689	0.057
Cecum ^b	–	–	–	–	0.428	0.022
Large Intestine ^b	–	–	–	–	0.273	0.051
Carcass ^c	–	–	–	–	1.01	0.50
Total in Tissues and Carcass^c	–	–	–	–	13.50	0.50

^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.