

**Distribution of Radioactivity in Tissues 30 Minutes Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetonitrile
to Male F-344 Rats – Group 8**

Distribution in Tissues (30 minutes)^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	84.7	4.8	0.121	0.018	0.281	0.014
Blood	709	78	unity	–	1.75	0.20
Brain	169	10	0.239	0.015	0.0645	0.0048
Heart	477	72	0.672	0.044	0.0750	0.0088
Kidney	1320	150	1.87	0.15	0.484	0.025
Liver	3680	70	5.24	0.71	7.92	0.26
Lung	806	166	1.13	0.16	0.171	0.034
Muscle	266	20	0.376	0.017	6.03	0.46
Skin	293	22	0.417	0.061	2.36	0.19
Spleen	941	33	1.34	0.20	0.111	0.004
Testis	171	28	0.241	0.020	0.0922	0.0083
Stomach ^b	–	–	–	–	44.1	1.1
Small Intestine ^b	–	–	–	–	12.5	0.9
Cecum ^b	–	–	–	–	0.188	0.026
Large Intestine ^b	–	–	–	–	0.137	0.018
Carcass ^c	–	–	–	–	3.3	0.3
Total in Tissues and Carcass^c	–	–	–	–	79.6	0.2

^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.