

**Disposition of Radioactivity 72 Hours Following Dermal Administration of 0.15 mg/kg
[¹⁴C]Dimethylamine borane to Male Harlan Sprague Dawley Rats – Group 1c**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	1c-1	1c-2	1c-3	1c-4	Mean	SD
Urine	0 to 4	BLOQ ^a	0.348	0.276	0.108	0.244	0.123
Urine	4 to 8	0.805	0.564	0.476	0.207	0.513	0.247
Urine	8 to 12	0.844	0.989	0.623	0.571	0.757	0.195
Urine	12 to 24	2.03	1.99	1.39	1.45	1.72	0.343
Urine	24 to 48	3.44	2.67	2.22	4.32	3.16	0.920
Urine	48 to 72 ^b	4.15	6.26	7.00	6.32	5.93	1.24
-	Subtotal	11.3	12.8	12.0	13.0	12.3	0.796
Feces	0 to 24	0.450	0.339	0.475	0.150	0.354	0.148
Feces	24 to 48	0.515	1.36	0.391	0.234	0.626	0.506
Feces	48 to 72	0.571	0.856	1.16	0.125	0.677	0.439
-	Subtotal	1.54	2.56	2.02	0.51	1.66	0.872
CO ₂	0 to 4	0.000	0.000	0.000	0.000	0.000	0.000
CO ₂	4 to 8	0.000	0.000	0.000	0.000	0.000	0.000
CO ₂	8 to 12	0.002	0.000	0.000	0.000	0.000	0.001
CO ₂	12 to 24	0.000	0.001	0.000	0.000	0.000	0.000
CO ₂	24 to 48	0.017	0.025	0.032	0.066	0.035	0.021
CO ₂	48 to 72	0.023	0.031	0.087	0.047	0.047	0.028
-	Subtotal	0.044	0.058	0.12	0.114	0.084	0.038
VOC-front	0 to 4	0.266	0.379	0.211	0.179	0.259	0.087
VOC-front	4 to 8	0.094	0.164	0.113	0.087	0.115	0.034
VOC-front	8 to 12	0.065	0.096	0.090	0.060	0.078	0.018
VOC-front	12 to 24	0.104	0.148	0.195	0.134	0.145	0.037
VOC-front	24 to 48	0.124	0.124	0.208	0.215	0.168	0.050
VOC-front	48 to 72	0.135	0.156	0.480	0.177	0.237	0.163
-	Subtotal	0.788	1.07	1.3	0.853	1	0.231
VOC- back	0 to 4	0.005	0.008	0.002	0.002	0.004	0.002
VOC- back	4 to 8	0.003	0.007	0.003	0.002	0.004	0.002
VOC- back	8 to 12	0.002	0.006	0.003	0.003	0.003	0.001
VOC- back	12 to 24	0.015	0.035	0.036	0.056	0.035	0.016
VOC- back	24 to 48	0.049	0.024	0.030	0.035	0.034	0.010
VOC- back	48 to 72	0.039	0.040	0.152	0.041	0.068	0.055
-	Subtotal	0.116	0.122	0.229	0.142	0.152	0.052
Cage Rinse	72	5.92	6.18	6.26	4.61	5.74	0.77
Total	-	19.71	22.79	21.93	19.23	20.91	1.72

**Disposition of Radioactivity 72 Hours Following Dermal Administration of 0.15 mg/kg
[¹⁴C]Dimethylamine borane to Male Harlan Sprague Dawley Rats – Group 1c**

Distribution in Tissues (72 h)

Tissue	ng-eq/g Mean	ng-eq/g SD	TBR Mean	TBR SD	Percent Recovery Mean	Percent Recovery SD
Skin (abdominal) ^c	0.82	0.61	5.28	5.58	0.105	0.08
Bladder	18.2	25.2	53.1	47.8	0.008	0.011
Muscle (hind leg) ^c	2.12	1.96	8.74	6.37	0.564	0.503
Blood ^c	0.29	0.16	Unity	-	0.014	0.009
Plasma ^c	0.37	0.11	0.94	0.12	0.011	0.004
Spleen	0.61	0.6	1.96	1.56	0.001	0.001
Liver	0.43	0.3	1.67	0.62	0.010	0.007
Kidney	0.58	0.52	1.98	1.01	0.003	0.003
Brain	0.12	0.13	0.35	0.34	0.001	0.001
Heart	0.08	0.1	0.24	0.27	0.000	0.001
Lung	0.22	0.18	0.79	0.28	0.001	0.001
Stomach	13.3	20.1	35.3	41.2	0.071	0.12
Cecum	11.8	13.1	34.9	29.8	0.015	0.02
Large Intestine	5.69	5.8	18.3	10.5	0.024	0.028
Small Intestine	3.44	3.5	11	6.46	0.028	0.035
Thyroid	0.95	1.44	2.71	2.83	0.000	0.000
Testes	0.51	0.75	1.36	1.55	0.005	0.006
Adipose Perirenal ^c	0.69	1.02	1.99	2.12	0.033	0.050
Pancreas	0.92	1	2.78	2.24	0.002	0.003
Total	-	-	-	-	0.884	0.584

Disposition Summary – Percent of Dose Recovered

Sample	1c-1	1c-2	1c-3	1c-4	Mean	SD
Absorbed	-	-	-	-	-	-
Urine	11.3	12.8	12.0	13.0	12.3	0.796
Feces	1.54	2.56	2.02	0.51	1.66	0.872
CO ₂	0.044	0.058	0.12	0.114	0.084	0.038
VOC	0.904	1.192	1.529	0.995	1.152	0.283
Cage Rinse	5.92	6.18	6.26	4.61	5.74	0.77
Tissues	0.613	1.52	1.19	0.211	0.884	0.584
GI Tract Contents	0.715	2.13	2.89	0.096	1.46	1.28
Subtotal	21.04	26.44	26.01	19.54	23.28	4.62
Unabsorbed	-	-	-	-	-	-
Gauze	2.14	1.72	1.48	0.95	1.57	0.50
Appliance	5.76	3.15	4.19	4.41	4.38	1.07
Dose Site Skin Rinse	2.83	1.45	2.85	3.42	2.64	0.837
Subtotal	10.73	6.32	8.52	8.78	8.59	1.80
Dose Site	13.7	13.8	13.9	13.4	13.7	0.198
Total	45.47	46.56	48.43	41.72	45.54	2.83

^a BLOQ = below the limit of quantitation

^b Includes urine present in bladder at time of sacrifice.

^c Tissue weights for dispersed tissues were calculated based on body weight as follows: adipose 7.0%, muscle 40.4%, skin 19%, blood 7.4%, and plasma 4.3%.