

**Distribution of Radioactivity 72 Hours Following Intravenous Administration of 10 mg/kg
[¹⁴C]Tris(4-chlorophenyl)methane to Male B6C3F1/N Mice – Group 13**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	13_01	13_02	13_03	13_04	Mean ^a	SD ^a
Urine	0 to 8	N.S.	0	N.S.	N.S.	0	0
Urine	8 to 24	0.97	1.33	0.08	0.51	0.72	0.54
Urine	24 to 48	0.19	0.53	0.20	0.82	0.44	0.30
Urine	48 to 72 ^b	0.08	0.36	0.30	0.23	0.24	0.12
Cage Rinse	72	0.97	0.45	0.71	0.51	0.66	0.24
-	Subtotal	2.21	2.67	1.29	2.07	2.06	0.57
Feces	0 to 24	2.27	2.46	3.53	2.12	2.59	0.64
Feces	24 to 48	1.04	0.55	1.17	0.68	0.86	0.29
Feces	48 to 72	0.70	0.55	0.87	1.06	0.80	0.22
-	Subtotal	4.01	3.56	5.57	3.86	4.25	0.90
Total	-	6.22	6.23	6.86	5.93	6.31	0.39

Distribution in Tissues (72 h)^a

Tissue	ng-eq/g Mean	ng-eq/g SD	TBR Mean	TBR SD	Percent Recovery Mean	Percent Recovery SD
Adipose Mesenteric	89800	68300	128	122	0.246 ^d	0.237
Adipose Perirenal	167000	67300	241	145	0.706 ^d	0.39
Adipose Reproductive	205000	207000	211	65.5	3.01 ^d	1.61
Bladder	10500	4670	16.5	10.7	0.114	0.044
Blood ^c	862	635	1	0	0.361	0.261
Brain	2070	1470	2.44	0.161	0.358	0.264
Carcass Digest	11300	834	17.1	7.49	62.3	4.48
Cecum	7810	3500	11.5	8.82	0.132	0.105
Heart	6410	3260	8.41	3.69	0.28	0.151
Kidney	10000	3840	13.8	6.13	1.29	0.487
Large Intestine	5210	943	7.55	2.8	0.354	0.07
Liver	11300	6460	15.8	11.4	4	2.28
Lung	7040	3230	9.65	5.03	0.425	0.202
Muscle (abdominal)	5090	863	7.61	3.19	0.225 ^d	0.17
Muscle (hind leg)	5230	4280	5.81	2.13	0.241 ^d	0.162
Muscle (neck)	27400	15000	35.4	19	0.591 ^d	0.325
Pancreas	17200	9450	27.8	21.7	1.48	0.903
Plasma	1490	1090	1.73	0.069	0.034 ^d	0.029
Skin (abdominal)	13300	2840	20.3	9.4	0.811 ^d	0.552
Skin (hind leg)	5820	2030	9.7	5.51	0.245 ^d	0.171
Skin (neck)	7930	3170	13.6	8.88	0.346 ^d	0.197
Small Intestine	7990	3940	12.1	9.78	1.75	1.38
Spleen	4010	1920	5.17	1.34	0.057	0.016
Stomach	6130	1100	8.91	3.34	0.223	0.042
Testes	2490	1710	2.95	0.406	0.171	0.138
Thyroid	9820	5640	16.3	11.7	0.006	0.001
Total	-	-	-	-	80	1.51

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Disposition Summary – Percent of Dose Recovered

Sample	13_01	13_02	13_03	13_04	Mean^a	SD^a
Urine ^e	2.21	2.67	1.29	2.07	2.06	0.57
Feces	4.01	3.56	5.57	3.86	4.25	0.90
GI Tract Contents	0.21	0.22	0.27	0.8	0.38	0.29
Tissues and Carcass	81.8	79.4	78.3	80.6	80	1.51
Total	88.2	85.9	85.4	87.3	86.7	1.3

N.S.= no sample produced

^a Mean and standard deviation (SD) for four animals.

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

^c Tissue weight for blood was calculated based on 4.9% of body weight.

^d For adipose, skin, muscle, and plasma, the percent of dose presented is that found in the measured aliquots and not the whole tissue. The percent of dose remaining in these tissues is primarily accounted for in the percent of dose in carcass digest. 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%.

^e Includes cage rinse and urine present in bladder at time of sacrifice.