

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

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	10_01	10_02	10_03	10_04	Mean ^a	SD ^a
Urine	0 to 8	N.S.	N.S.	N.S.	N.S.	0	0
Urine	8 to 24	0.04	1.33	1.71	0	0.77	0.88
Urine	24 to 48	0.07	0.42	0.56	0.01	0.27	0.27
Urine	48 to 72 ^b	0.59	0.39	0.36	0.05	0.35	0.22
Cage Rinse	72	1.19	0.85	0.84	1.03	0.98	0.17
-	Subtotal	1.89	2.99	3.47	1.09	2.36	1.07
Feces	0 to 24	18.9	16.4	19.1	8.21	15.7	5.11
Feces	24 to 48	1.3	1.52	1.84	3.37	2.01	0.94
Feces	48 to 72	0.4	0.47	0.45	0.89	0.55	0.23
-	Subtotal	20.6	18.4	21.4	12.5	18.2	4.03
Total	-	22.5	21.4	24.9	13.6	20.6	4.90

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	142000	103000	289	204	0.49 ^d	0.505
Adipose Perirenal	211000	124000	392	178	1.01 ^d	0.289
Adipose Reproductive	167000	103000	310	152	2.26 ^d	1.68
Bladder	8390	4180	16.1	7.48	0.083	0.03
Blood ^c	518	66	1	0	0.21	0.02
Brain	1510	280	2.91	0.206	0.248	0.045
Carcass Digest	9600	1330	18.7	3.14	51	7.05
Cecum	5530	1240	11	3.72	0.149	0.066
Heart	4030	875	7.82	1.7	0.182	0.023
Kidney	8380	1010	16.3	2.01	1.04	0.086
Large Intestine	6240	1960	12	3.06	0.414	0.141
Liver	4840	418	9.44	1.4	1.7	0.122
Lung	4150	960	8.03	1.75	0.265	0.061
Muscle (abdominal)	3520	730	6.78	1.16	0.138 ^d	0.105
Muscle (hind leg)	2950	1050	5.87	2.45	0.132 ^d	0.064
Muscle (neck)	16200	3150	32	9.44	0.406 ^d	0.127
Pancreas	9510	7100	19.7	17	0.707	0.624
Plasma	925	103	1.79	0.09	0.023 ^d	0.003
Skin (abdominal)	14900	10200	29.8	21	0.541 ^d	0.335
Skin (hind leg)	3590	842	6.9	1.16	0.2 ^d	0.192
Skin (neck)	4320	1200	8.62	3.13	0.158 ^d	0.094
Small Intestine	8960	676	17.6	2.88	1.75	0.325
Spleen	2510	942	4.8	1.38	0.042	0.007
Stomach	5390	1520	10.7	3.94	0.23	0.085
Testes	2760	1730	5.13	2.5	0.166	0.096
Thyroid	13500	7000	27.2	17.4	0.006	0.002
Total	-	-	-	-	63.8	6.07

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Disposition Summary – Percent of Dose Recovered

Sample	10_01	10_02	10_03	10_04	Mean ^a	SD ^a
Urine ^e	1.89	2.99	3.47	1.09	2.36	1.07
Feces	20.6	18.4	21.4	12.5	18.2	4.03
GI Tract Contents	0.31	0.24	0.52	0.19	0.32	0.15
Tissues and Carcass	60.4	63.4	59	72.5	63.8	6.07
Total	82.5	82.9	81.8	86.2	83.3	2.0

^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.

N.S. means no sample.