

**Distribution of Radioactivity 72 Hours Following Gavage Administration of 10 mg/kg
[¹⁴C]Tris(4-chlorophenyl)methanol to Male B6C3F1/N Mice – Group 18**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	18_01	18_02	18_03	18_04	Mean ^a	SD ^a
Urine	0 to 8	N.S.	0	0	N.S.	0	0
Urine	8 to 24	2.63	1.79	2.63	3.46	2.63	0.68
Urine	24 to 48	0.97	1.13	0.58	1.68	1.09	0.46
Urine	48 to 72 ^b	0.77	0.97	0.38	1.28	0.85	0.38
Cage Rinse	72	0.98	1.60	2.64	2.53	1.94	0.79
-	Subtotal	5.35	5.49	6.23	8.95	6.51	1.68
Feces	0 to 24	17.4	16.7	8.85	11.4	13.6	4.14
Feces	24 to 48	1.22	1.90	1.28	2.25	1.66	0.50
Feces	48 to 72	0.69	0.97	1.99	1.50	1.29	0.58
-	Subtotal	19.3	19.6	12.1	15.2	16.5	3.57
Total	-	24.7	25.1	18.4	24.1	23.0	3.15

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	105000	44000	336	134	0.53 ^d	0.145
Adipose Perirenal	103000	33300	322	47.5	0.879 ^d	0.786
Adipose Reproductive	108000	40000	334	74.7	1.97 ^d	1.5
Bladder	5180	3800	15.7	9.75	0.061	0.047
Blood ^c	319	96.2	1	0	0.008	0.003
Brain	862	404	2.61	0.569	0.153	0.077
Carcass Digest	8120	339	26.8	6	51.7	3.7
Cecum	3770	1760	11.8	5.49	0.115	0.047
Heart	1720	601	5.35	0.693	0.098	0.034
Kidney	3280	1160	10.5	3.36	0.525	0.172
Large Intestine	3620	1430	11.3	2.75	0.285	0.147
Liver	2780	978	8.6	0.794	1.42	0.378
Lung	1920	602	6.51	3.2	0.128	0.047
Muscle (abdominal)	2180	691	7.31	3.61	0.054 ^d	0.047
Muscle (hind leg)	1150	570	3.99	2.78	0.032 ^d	0.033
Muscle (neck)	16500	21100	60.6	90.3	0.721 ^d	1.09
Pancreas	5710	3280	17.5	6.86	0.522	0.275
Plasma	626	182	1.97	0.085	0.016 ^d	0.005
Skin (abdominal)	6670	2040	22.9	11.6	0.181 ^d	0.115
Skin (hind leg)	2270	1070	7.93	5.4	0.076 ^d	0.075
Skin (neck)	2680	629	8.75	2.6	0.061 ^d	0.044
Small Intestine	9080	5140	28.1	15.7	2.17	1.41
Spleen	1290	668	3.87	0.899	0.028	0.014
Stomach	3110	608	10.3	3.55	0.136	0.021
Testes	1680	495	5.6	2.5	0.125	0.044
Thyroid	6180	1020	21.1	8.23	0.007	0.007
Total	-	-	-	-	62.1	2.33

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Disposition Summary – Percent of Dose Recovered

Sample	18_01	18_02	18_03	18_04	Mean^a	SD^a
Urine ^e	5.35	5.49	6.23	8.95	6.51	1.68
Feces	19.3	19.6	12.1	15.2	16.5	3.57
GI Tract Contents	0.24	0.25	0.29	0.38	0.29	0.06
Tissues and Carcass	59.1	62.3	64.8	62	62.1	2.33
Total	84.0	87.6	83.4	86.5	85.4	2.0

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.