

**Distribution of Radioactivity 72 Hours Following Gavage Administration of 10 mg/kg
[¹⁴C]Tris(4-chlorophenyl)methanol to Male Harlan Sprague Dawley Rats – Group 16**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	16-01	16-02	16-03	16-04	Mean ^a	SD ^a
Urine	0 to 8	0.07	0.06	0.07	0.08	0.07	0.009
Urine	8 to 24	0.11	0.1	0.1	0.07	0.095	0.018
Urine	24 to 48	0.04	0.05	0.04	0.06	0.051	0.01
Urine	48 to 72 ^b	0.00	0.00	0.00	0.00	0.00	0.00
Cage Rinse	72	0.09	0.05	0.12	0.06	0.08	0.03
-	Subtotal	0.31	0.26	0.33	0.27	0.29	0.03
Feces	0 to 24	4.39	4.06	4.98	2.75	4.05	0.94
Feces	24 to 48	2.56	4.58	3.09	5.14	3.84	1.22
Feces	48 to 72	0.77	0.46	0.37	0.6	0.55	0.18
-	Subtotal	7.72	9.1	8.44	8.49	8.44	0.57
Total	-	8.34	9.73	9.1	9.08	9.06	0.57

Distribution in Tissues^a

Tissue	ng-eq/g Mean	ng-eq/g SD	TBR Mean	TBR SD	Percent Recovery Mean	Percent Recovery SD
Adipose Mesenteric	120000	10600	671	123	0.193 ^d	0.024
Adipose Perirenal	99200	9080	548	53.4	0.243 ^d	0.056
Adipose Reproductive	62000	25700	333	102	0.21 ^d	0.153
Bladder ^c	10500	N.A.	64.9	N.A.	0.03	N.A.
Blood ^e	182	21.8	1	0	0.125	0.016
Brain	1030	81.1	5.73	0.799	0.067	0.007
Carcass Digest	9910	310	55.1	6.89	73.3	1.41
Cecum	14400	8090	78.4	41.5	0.232	0.202
Heart	1330	532	7.30	2.78	0.055	0.029
Kidney	2150	595	12.0	3.89	0.137	0.042
Large Intestine	7760	3770	44.0	25.1	0.372	0.21
Liver	2050	3510	12.2	20.8	0.672	1.15
Lung	1520	275	8.45	2.08	0.069	0.012
Muscle (abdominal)	2630	872	15.0	6.15	0.011 ^d	0.004
Muscle (hind leg)	1400	860	7.38	3.67	0.005 ^d	0.002
Muscle (neck)	2300	1250	12.8	7.61	0.008 ^d	0.003
Pancreas	24900	15100	142	95.2	1.13	0.835
Plasma	323	52.5	1.77	0.076	0.001 ^d	0
Skin (abdominal)	19400	4470	108	29.5	0.084 ^d	0.024
Skin (hind leg)	11000	1000	61.2	9.57	0.042 ^d	0.015
Skin (neck)	10500	7520	55	34.1	0.042 ^d	0.031
Small Intestine	10800	2880	60.2	19.3	1.1	0.326
Spleen	<LOD	-	<LOD	-	<LOD	-
Stomach	4440	1000	24.3	3.83	0.215	0.034
Testes	900	67.9	4.97	0.419	0.106	0.011
Thyroid	4550	636	25.2	3.6	0.004	0.001
Total	-	-	-	-	78.3	2.01

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Disposition Summary – Percent of Dose Recovered

Sample	16-01	16-02	16-03	16-04	Mean ^a	SD ^a
Urine ^f	0.31	0.26	0.33	0.27	0.29	0.03
Feces	7.72	9.1	8.44	8.49	8.44	0.57
GI Tract Contents	0.31	0.37	0.33	0.31	0.33	0.03
Tissues and Carcass	78.1	81.1	76.5	77.3	78.3	2.01
Total	86.4	90.8	85.6	86.4	87.3	2.4

^a Mean and SD for four animals.

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

^c Bladder for 16-01, 16-02, and 16-03 was < limit of detection (LOD).

^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 Tissue weight for blood was calculated based on 7.4% of body weight.

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

N.A. means not applicable