

**Distribution of Radioactivity 72 Hours Following Gavage Administration of 10 mg/kg
[¹⁴C]Tris(4-chlorophenyl)methane to Female Harlan Sprague Dawley Rats – Group 6**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	6-01	6-02	6-03	6-04	Mean ^a	SD ^a
Urine	0 to 8	0.08	0.06	0.04	0.04	0.06	0.02
Urine	8 to 24	0.06	0.06	0.08	0.04	0.06	0.02
Urine	24 to 48	0.04	0.02	0.05	0.01	0.03	0.02
Urine	48 to 72 ^b	0.02	0.02	0.02	0.02	0.02	0.00
Cage Rinse	72	2.2	0.06	0.05	0.13	0.61	1.06
-	Subtotal	2.4	0.22	0.24	0.24	0.78	1.08
Feces	0 to 24	8.18	12	8.89	26.5	13.9	8.57
Feces	24 to 48	0.64	0.71	1.62	0.36	0.83	0.55
Feces	48 to 72	0.36	0.44	0.38	0.24	0.36	0.08
-	Subtotal	9.18	13.15	10.9	27.1	15.1	8.18
Total	-	11.6	13.4	11.1	27.3	15.9	7.72

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	68900	21900	401	165	0.31 ^d	0.149
Adipose Perirenal	64500	18800	357	103	0.443 ^d	0.145
Adipose Reproductive	42900	10100	240	64.4	0.26 ^d	0.108
Bladder	5020	5430	24.8	22.1	0.017	0.022
Blood ^c	182	32.3	1	0	0.125	0.020
Brain	1200	326	6.53	0.901	0.09	0.031
Carcass Digest	8320	975	46.4	6.61	57.5	6.03
Cecum	7670	1600	42.8	10.1	0.183	0.034
Heart	1680	417	9.46	3.14	0.063	0.017
Kidney	1600	765	8.52	2.53	0.1	0.035
Large Intestine	4440	1390	24.3	6.23	0.285	0.079
Liver	3370	587	18.6	0.222	1.21	0.216
Lung	1740	718	9.62	4.06	0.093	0.05
Muscle (abdominal)	1590	487	8.73	2.05	0.019 ^d	0.009
Muscle (hind leg)	787	239	4.48	1.63	0.008 ^d	0.003
Muscle (neck)	7000	995	39.7	9.65	0.076 ^d	0.036
Ovaries	13100	2840	72.4	11.5	0.188	0.273
Pancreas	20600	11800	115	73.5	1.34	1.04
Plasma	284	34.6	1.57	0.08	0.001 ^d	0.001
Skin (abdominal)	17500	3720	97.1	18.2	0.205 ^d	0.048
Skin (hind leg)	14100	5060	76.4	18	0.144 ^d	0.025
Skin (neck)	12700	2530	71.9	21.7	0.167 ^d	0.075
Small Intestine	6810	1080	37.9	5.82	1.11	0.081
Spleen	1110	358	6.38	2.82	0.027	0.008
Stomach	4890	2100	27.2	12.1	0.271	0.154
Thyroid	6130	2190	33.9	12.1	0.007	0.005
Uterus with Fallopian Tubes	3460	1560	19.2	8.92	0.079	0.031
Total	-	-	-	-	64.3	7.26

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Disposition Summary – Percent of Dose Recovered

Sample	6-01	6-02	6-03	6-04	Mean^a	SD^a
Urine ^e	2.40	0.220	0.240	0.24	0.78	1.08
Feces	9.18	13.15	10.89	27.1	15.1	8.18
GI Tract Contents	0.19	0.11	0.17	0.12	0.15	0.04
Tissues and Carcass	67.0	68	68.6	53.4	64.3	7.26
Total	78.8	81.5	80	80.9	80.3	1.18

^a Mean and SD for four animals.

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

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