

**Distribution of Radioactivity 72 Hours Following Gavage Administration of 100 mg/kg
[¹⁴C]Tris(4-chlorophenyl)methane to Male Harlan Sprague Dawley Rats – Group 1**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	1-01	1-02	1-03	1-04	Mean ^a	SD ^a
Urine	0 to 8	0.03	0.01	0.04	0.02	0.03	0.01
Urine	8 to 24	0.08	0.08	0.07	0.08	0.08	0.01
Urine	24 to 48	0.07	0.09	0.07	0.09	0.08	0.01
Urine	48 to 72 ^b	0.03	0.04	0.04	0.03	0.04	0.01
Cage Rinse	72	0.07	0.06	0.17	0.20	0.13	0.07
-	Subtotal	0.28	0.28	0.39	0.42	0.34	0.07
Feces	0 to 24	1.37	1.20	0.94	1.30	1.20	0.19
Feces	24 to 48	2.73	2.01	3.48	1.69	2.48	0.80
Feces	48 to 72	1.29	3.27	4.28	4.18	3.26	1.39
-	Subtotal	5.39	6.48	8.70	7.17	6.94	1.39
Total	-	5.67	6.76	9.09	7.59	7.29	1.47

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 ^c	NS	-	NS	-	NS	-
Adipose Perirenal	1040000	217000	250	28.2	0.293 ^d	0.044
Adipose Reproductive	464000	118000	113	28.5	0.146 ^d	0.022
Bladder	69100	43300	18.2	14.8	0.023	0.011
Blood ^e	4150	639	1	0	0.303 ^d	0.047
Brain	24700	1450	6.03	0.78	0.194	0.005
Carcass Digest	87400	2260	21.5	3.87	63.1	0.873
Cecum	121000	16600	30.0	7.59	0.191	0.055
Heart	30800	3640	7.51	0.959	0.128	0.019
Kidney	28300	6170	6.78	0.785	0.217	0.054
Large Intestine	84800	18500	20.4	2.38	0.372	0.088
Liver	118000	27800	28.1	2.68	5.37	0.896
Lung	24200	4110	6.02	2.25	0.15	0.026
Muscle (abdominal)	29700	14500	7.60	4.95	0.02 ^d	0.012
Muscle (hind leg)	19000	9300	4.39	1.65	0.01 ^d	0.004
Muscle (neck)	58200	45800	14.5	11.6	0.03 ^d	0.024
Pancreas	241000	63400	60.7	26.2	1.08	0.606
Plasma	7460	1200	1.80	0.072	0.003 ^d	0.001
Skin (abdominal)	185000	44200	46.8	18.1	0.064 ^d	0.022
Skin (hind leg)	163000	48000	41.3	18.8	0.067 ^d	0.019
Skin (neck)	75000	19100	18.9	8.03	0.032 ^d	0.004
Small Intestine	98900	14900	24.4	5.67	1.03	0.135
Spleen	13900	3720	3.50	1.48	0.035	0.012
Stomach	76300	8540	18.5	1.57	0.346	0.067
Testes	20300	872	4.98	0.724	0.281	0.012
Thyroid	79700	26700	19.8	7.54	0.008	0.002
Total	-	-	-	-	73.4	0.492

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Disposition Summary – Percent of Dose Recovered

Sample	1-01	1-02	1-03	1-04	Mean^a	SD^a
Urine ^f	0.28	0.28	0.39	0.42	0.34	0.07
Feces	5.39	6.48	8.70	7.17	6.94	1.39
GI Tract Contents	5.80	3.05	2.66	3.17	3.67	1.44
Tissues and Carcass	72.8	73.5	74	73.4	73.4	0.492
Total	84.3	83.3	85.8	84.2	84.4	0.88

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

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

^c No sample collected.

^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.