

**Distribution of Radioactivity 72 Hours Following Gavage Administration of 1 mg/kg
[¹⁴C] Tris(4-chlorophenyl)methane to Male Harlan Sprague Dawley Rats – Group 3**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	3-01	3-02	3-03	3-04	Mean ^a	SD ^a
Urine	0 to 8	0.07	0.07	0.03	0.13	0.08	0.04
Urine	8 to 24	0.05	0.09	0.11	0.05	0.08	0.03
Urine	24 to 48	0.01	0.01	0.05	0.01	0.02	0.02
Urine	48 to 72 ^b	0.00	0.00	0.04	0.00	0.01	0.02
Cage Rinse	72	0.05	0.06	2.13	0.07	0.58	1.04
-	Subtotal	0.18	0.23	2.36	0.26	0.76	1.07
Feces	0 to 24	12.1	21.4	7.22	23.1	16.0	7.57
Feces	24 to 48	1.31	0.81	1.16	0.97	1.06	0.22
Feces	48 to 72	0.29	0.22	0.35	0.27	0.28	0.05
-	Subtotal	13.7	22.4	8.73	24.3	17.3	7.34
Total	-	13.9	22.6	11.1	24.6	18.1	8.42

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	6280	1410	336	49	0.217 ^d	0.043
Adipose Reproductive	4480	706	243	49.1	0.16 ^d	0.039
Bladder	529	494	25.3	18.4	0.015	0.013
Blood ^e	18.8	3.86	1	0	0.142	0.024
Brain	110	24.3	5.90	0.714	0.082	0.018
Carcass Digest	768	76.8	41.6	5.33	58.9	4.34
Cecum	1010	204	54.7	10	0.228	0.067
Heart	158	35.1	8.55	1.83	0.076	0.015
Kidney	251	245	12.0	9.27	0.206	0.207
Large Intestine	700	216	37.1	9.35	0.391	0.124
Liver	464	131	24.4	2.37	1.92	0.432
Lung	169	70.8	9.66	5.15	0.108	0.05
Muscle (abdominal)	474	19.3	26.1	5.04	0.021 ^d	0.007
Muscle (hind leg)	88.8	7.64	4.88	1.03	0.005 ^d	0.001
Muscle (neck)	228	72.4	12.1	2.51	0.008 ^d	0.003
Pancreas	2660	776	146	48.5	1.64	0.488
Plasma	32	6.32	1.71	0.037	0.001 ^d	0.001
Skin (abdominal)	1880	847	108	66.4	0.076 ^d	0.045
Skin (hind leg)	1360	609	75.6	36.2	0.037 ^d	0.012
Skin (neck)	1220	357	68.8	27.8	0.048 ^d	0.024
Small Intestine	776	212	41.0	3.77	0.907	0.253
Spleen	74.4	22.5	3.94	0.735	0.018	0.005
Stomach	438	162	23.0	4.67	0.198	0.052
Testes	123	28.1	6.55	0.197	0.169	0.036
Thyroid	903	332	50.2	21.1	0.013	0.004
Total	-	-	-	-	65.6	4.8

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Disposition Summary – Percent of Dose Recovered

Sample	3-01	3-02	3-03	3-04	Mean ^a	SD ^a
Urine ^f	0.18	0.23	2.36	0.26	0.76	1.07
Feces	13.7	22.4	8.73	24.3	17.3	7.34
GI Tract Contents	0.16	0.14	0.19	0.11	0.15	0.03
Tissues and Carcass	68.8	62.2	70.5	60.8	65.6	4.79
Total	82.8	85.0	81.8	85.5	83.8	1.51

^a Mean and 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.