

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

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	14_01	14_02	14_03	14_04	Mean ^a	SD ^a
Urine	0 to 8	N.S.	N.S.	N.S.	N.S.	0	0
Urine	8 to 24	N.S.	0.06	0.26	0.05	0.09	0.12
Urine	24 to 48	0	0.27	0.07	0.08	0.11	0.12
Urine	48 to 72 ^b	0.03	0.06	0.01	0.03	0.03	0.02
Cage Rinse	72	0.13	0.19	0.53	0.24	0.27	0.18
-	Subtotal	0.16	0.58	0.87	0.40	0.50	0.30
Feces	0 to 24	6.19	9.67	9.8	7.26	8.23	1.79
Feces	24 to 48	1.54	1.08	0.8	1.74	1.29	0.43
Feces	48 to 72	0.46	0.52	0.37	0.46	0.45	0.06
-	Subtotal	8.19	11.27	10.97	9.46	10.0	1.43
Total	-	8.4	11.9	11.8	9.9	10.5	1.70

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	NS	NS	NS	NS	NS	NS
Adipose Perirenal	139000	44800	379	88	0.754 ^d	0.259
Adipose Reproductive	138000	46800	372	52.1	0.98 ^d	0.237
Bladder	6670	4900	20.3	16.5	0.079	0.061
Blood ^c	366	104	1	0	0.16	0.034
Brain	1140	232	3.18	0.388	0.269	0.055
Carcass Digest	11800	927	33.6	6.98	63.9	1.81
Cecum	6940	2730	21.1	13.2	0.223	0.121
Heart	2940	467	8.29	1.37	0.146	0.016
Kidney	4690	779	13.6	4.39	0.609	0.128
Large Intestine	5580	1080	15.7	3.77	0.495	0.05
Liver	4370	992	12.2	1.61	1.79	0.31
Lung	6780	481	19.3	3.78	0.508	0.034
Muscle (abdominal)	3650	861	10.3	2.73	0.132 ^d	0.011
Muscle (hind leg)	3510	1670	9.77	4.46	0.141 ^d	0.059
Muscle (neck)	22700	8380	62.9	20.3	0.591 ^d	0.146
Ovaries	53300	15100	145	5.85	0.508	0.053
Pancreas	11300	7910	33.3	22.4	1.28	0.94
Plasma	648	182	1.77	0.121	0.019 ^d	0.006
Skin (abdominal)	21300	4760	61.8	19.4	0.693 ^d	0.235
Skin (hind leg)	11800	4610	31.9	7.18	0.288 ^d	0.069
Skin (neck)	24300	4610	69.5	19.8	0.665 ^d	0.08
Small Intestine	3230	2150	8.62	5.05	0.762	0.468
Spleen	1890	686	5.09	0.944	0.041	0.008
Stomach	3450	572	9.75	1.89	0.204	0.063
Thyroid	8720	6550	22.9	15.6	0.01	0.002
Uterus with Fallopian tubes	13600	10500	35.8	25.5	0.751	0.313
Total	-	-	-	-	76.3	1.5

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Disposition Summary – Percent of Dose Recovered

Sample	14_01	14_02	14_03	14_04	Mean^a	SD^a
Urine ^e	0.16	0.58	0.87	0.4	0.50	0.30
Feces	8.19	11.3	11.0	9.46	9.97	1.43
GI Tract Contents	0.22	0.3	0.15	0.38	0.26	0.1
Tissues and Carcass	77.9	76.1	74.3	76.7	76.3	1.5
Total	86.5	88.3	86.3	86.9	87.0	0.9

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.