

**Distribution of Radioactivity 72 Hours Following Gavage Administration of 100 mg/kg
[¹⁴C]Tris(4-chlorophenyl)methane to Male B6C3F1/N Mice – Group 9**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	9_01	9_03	9_04	Mean ^a	SD ^a
Urine	0 to 8	N.S.	N.S.	N.S.	0	0
Urine	8 to 24	1.03	0.17	0.18	0.46	0.49
Urine	24 to 48	0.79	0.30	0.16	0.42	0.33
Urine	48 to 72 ^b	0.38	0.13	0.23	0.25	0.13
Cage Rinse	72	0.66	1.11	0.66	0.81	0.26
-	Subtotal	2.86	1.71	1.23	1.93	0.84
Feces	0 to 24	7.82	8.38	6.72	7.64	0.85
Feces	24 to 48	1.92	3.84	3.46	3.07	1.02
Feces	48 to 72	1.02	1.11	0.92	1.02	0.1
-	Subtotal	10.8	13.3	11.1	11.7	1.40
Total	-	13.6	15.0	12.3	13.7	1.36

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	782000	359000	308	181	0.46 ^d	0.11
Adipose Perirenal	1050000	220000	402	144	1.31 ^d	0.65
Adipose Reproductive	764000	68000	289	74	2.34 ^d	0.97
Bladder	60900	27800	21.7	7.5	0.08	0.04
Blood ^c	2740	540	1.0	0.0	0.14	0.03
Brain	8880	1320	3.3	0.4	0.16	0.03
Carcass Digest	92100	8300	35.1	11.1	59.3	6.9
Cecum	60900	49500	25.6	26.0	0.27	0.23
Heart	44800	32400	15.7	10.2	0.29	0.25
Kidney	32600	13500	11.6	3.2	0.55	0.23
Large Intestine	45200	1700	17.0	3.8	0.35	0.13
Liver	42700	8300	16.3	5.5	2.54	0.41
Lung	33800	1100	12.8	3.3	0.28	0.14
Muscle (abdominal)	27800	6500	10.3	1.9	0.12 ^d	0.12
Muscle (hind leg)	10900	2500	4.2	1.5	0.04 ^d	0.02
Muscle (neck)	121000	106000	40.6	32.1	0.51 ^d	0.62
Pancreas	151000	66000	53.1	16.1	1.91	1.02
Plasma	4700	400	1.8	0.3	0.02 ^d	0.00
Skin (abdominal)	96600	48600	35.4	15.0	0.42 ^d	0.30
Skin (hind leg)	28900	9600	11.3	6.0	0.09 ^d	0.05
Skin (neck)	45400	10800	17.7	8.3	0.13 ^d	0.07
Small Intestine	87200	70000	36.7	37.0	1.80	0.81
Spleen	18700	7100	6.8	1.8	0.04	0.01
Stomach	47100	4500	17.5	2.9	0.22	0.02
Testes	23400	5900	9.2	4.5	0.17	0.03
Thyroid	143000	95000	54.5	35.9	0.03	0.02
Total	-	-	-	-	73.5	4.6

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Disposition Summary – Percent of Dose Recovered

Sample	9_01	9_03	9_04	Mean ^a	SD ^a
Urine ^e	2.86	1.71	1.23	1.93	0.84
Feces	10.8	13.3	11.1	11.7	1.40
GI Tract Contents	0.11	0.16	0.65	0.31	0.3
Tissues and Carcass	70.2	83.5	78.8	73.5	4.61

^a Mean and standard deviation (SD) for three 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.

N.S. means no sample