

**Disposition of Radioactivity 8 Days Following Oral Gavage Administration of
0.35 mg/kg [¹⁴C]1,2,3-Trichloropropane to Male Fischer 344 Rats – Group 1^a**

Cumulative Percent of Dose Recovered in Excreta^b

End of Collection Period (day)	Urine	Feces	Total
1	38.7 ± 15.29	15.9 ± 1.67	54.7 ± 14.86
2	40.7 ± 16.34	18.2 ± 2.00	58.9 ± 17.15
3	41.4 ± 16.69	18.6 ± 2.01	60.1 ± 17.52
4	41.8 ± 16.69	18.8 ± 2.01	60.6 ± 17.51
5	41.9 ± 16.67	18.9 ± 2.03	60.9 ± 17.50
6	42.1 ± 16.67	19.1 ± 2.08	61.3 ± 17.47
7	42.3 ± 16.66	19.3 ± 2.11	61.6 ± 17.51
8	42.5 ± 16.66	19.5 ± 2.10	62.0 ± 17.53

Distribution in Tissues (8 days)^c

Tissue	Percent Dose Recovered	Tissue/Blood Ratio
Brain	0.019 ± 0.001	0.34 ± 0.10
Lungs	0.013 ± 0.003	0.36 ± 0.06
Liver	0.43 ± 0.08	1.31 ± 0.54
Kidneys	0.15 ± 0.13	1.34 ± 0.42
Spleen	0.005 ± 0.001	0.25 ± 0.05
Small Intestine	0.038 ± 0.007	0.19 ± 0.14
Large Intestine	0.012 ± 0.004	0.22 ± 0.03
Testes	0.017 ± 0.005	0.18 ± 0.02
Adipose Tissue	0.22 ± 0.04	0.43 ± 0.15
Skin	0.43 ± 0.11	0.36 ± 0.05
Muscle	0.88 ± 0.15	0.24 ± 0.08
Blood	0.69 ± 0.21	0.13 ± 0.014 ^d
Total in Tissues	2.90 ± 0.34	-

Disposition Summary – Percent of Dose Recovered

Tissues	Urine	Feces	Total
2.90 ± 0.34	42.5 ± 16.7	19.5 ± 2.1	64.9 ± 4.5

^aAll values expressed as mean ± standard deviation (SD) The target dose was 0.35 mg/kg body weight. The actual dose delivered was 0.35 ± 0.09 mg (2.38 μmol)/kg (8.83 ± 0.00 μCi/μmol).

^bN = 5. Because of low recoveries in the medium- to low-dose rats, excreta were collected for two additional rats at each dose.

^cN = 3

^dBlood concentration in nmol/g. The blood concentrations were calculated from ¹⁴C in blood and the specific activity of administered 1,2,3-trichloropropane. No attempt was made to account for the change in specific activity when ¹⁴CO₂ was formed from trichloropropane.