

**Disposition of Radioactivity 8 Days Following Oral Gavage Administration of 3.0 mg/kg
[¹⁴C]1,2,3-Trichloropropane to Male Fischer 344 Rats – Group 2^a**

Cumulative Percent of Dose Recovered in Excreta^b

End of Collection Period (day)	Urine	Feces	Total
1	34.6 ± 8.91	13.8 ± 3.72	48.4 ± 11.20
2	36.1 ± 9.48	15.9 ± 3.63	52.0 ± 12.10
3	36.8 ± 9.66	16.3 ± 3.69	53.1 ± 12.57
4	37.0 ± 9.69	16.4 ± 3.71	53.4 ± 12.44
5	37.2 ± 9.70	16.5 ± 3.72	53.7 ± 12.49
6	37.4 ± 9.72	16.6 ± 3.73	53.9 ± 12.52
7	37.5 ± 9.74	16.7 ± 3.73	54.1 ± 12.48
8	37.6 ± 9.76	16.8 ± 3.73	54.3 ± 12.42

Distribution in Tissues (8 days)^c

Tissue	Percent Dose Recovered	Tissue/Blood Ratio
Brain	0.007 ± 0.002	0.20 ± 0.05
Lungs	0.003 ± 0.002	0.18 ± 0.09
Liver	0.11 ± 0.06	0.58 ± 0.21
Kidneys	0.027 ± 0.007	0.76 ± 0.16
Spleen	0.001 ± 0.001	0.13 ± 0.02
Small Intestine	0.012 ± 0.004	0.12 ± 0.01
Large Intestine	0.005 ± 0.002	0.19 ± 0.03
Testes	0.006 ± 0.003	0.11 ± 0.03
Adipose Tissue	0.074 ± 0.033	0.25 ± 0.10
Skin	0.14 ± 0.02	0.22 ± 0.02
Muscle	0.26 ± 0.06	0.13 ± 0.02
Blood	0.37 ± 0.11	0.74 ± 0.23 ^d
Total in Tissues	1.02 ± 0.04	-

Disposition Summary – Percent of Dose Recovered

Tissues	Urine	Feces	Total
1.02 ± 0.04	37.6 ± 9.8	16.8 ± 3.7	55.4 ± 2.8

^aAll values expressed as mean ± standard deviation (SD) The target dose was 3.0 mg/kg body weight. The actual dose delivered was 2.9 ± 0.5 mg (20.0 μmol)/kg (1.33 ± 0.07 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.