

**Disposition of Radioactivity 8 Days Following Oral Gavage Administration of 32 mg/kg
[¹⁴C]1,2,3-Trichloropropane to Male Fischer 344 Rats – Group 3^a**

Cumulative Percent of Dose Recovered in Excreta^b

End of Collection Period (day)	Urine	Feces	Total
1	51.5 ± 15.03	20.6 ± 4.51	72.2 ± 12.97
2	54.4 ± 15.85	24.2 ± 4.14	78.6 ± 14.56
3	55.1 ± 16.08	24.7 ± 4.09	79.8 ± 14.83
4	55.5 ± 16.04	24.8 ± 4.07	80.3 ± 15.08
5	55.8 ± 16.04	25.0 ± 4.08	80.7 ± 15.08
6	56.0 ± 16.03	25.1 ± 4.09	81.1 ± 15.08
7	56.2 ± 16.05	25.2 ± 4.08	81.4 ± 15.08
8	56.3 ± 16.05	25.3 ± 4.07	81.6 ± 15.09

Distribution in Tissues (8 days)^c

Tissue	Percent Dose Recovered	Tissue/Blood Ratio
Brain	0.019 ± 0.003	0.32 ± 0.05
Lungs	0.009 ± 0.003	0.26 ± 0.10
Liver	0.36 ± 0.09	1.18 ± 0.27
Kidneys	0.067 ± 0.010	1.18 ± 0.32
Spleen	0.005 ± 0.001	0.34 ± 0.06
Small Intestine	0.025 ± 0.015	0.16 ± 0.10
Large Intestine	0.014 ± 0.004	0.33 ± 0.12
Testes	0.013 ± 0.003	0.18 ± 0.07
Adipose Tissue	0.21 ± 0.10	0.47 ± 0.24
Skin	0.32 ± 0.07	0.31 ± 0.06
Muscle	0.69 ± 0.20	0.22 ± 0.07
Blood	0.57 ± 0.04	11.9 ± 1.2 ^d
Total in Tissues	2.29 ± 0.97	-

Disposition Summary – Percent of Dose Recovered

Tissues	Urine	Feces	Total
2.29 ± 0.97	56.3 ± 16.0	25.3 ± 4.1	83.9 ± 4.4

^aAll values expressed as mean ± standard deviation (SD) The target dose was 32 mg/kg body weight. The actual dose delivered was 31.5 ± 0.7 mg (214 μmol)/kg (0.127 ± 0.008 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.