

**Disposition of Radioactivity 6 Days Following Intravenous Administration of 3.6 mg/kg  
[<sup>14</sup>C]1,2,3-Trichloropropane to Male Fischer 344 Rats – Group 4 and 5<sup>a</sup>**

Cumulative Percent of Dose Recovered in Excreta

End of Collection Period (day)	Urine <sup>b</sup>	Feces <sup>b</sup>	Urine + Feces	Expired Air <sup>c</sup>	Total
15 min	0.2 ± 0.07	1.8 ± 1.0	2.1 ± 1.1	(1.0) <sup>d</sup>	3.1
30 min	0.6 ± 0.08	2.3 ± 1.2	2.9 ± 1.3	2.0 ± 0.5	5.0
1 h	4.9 ± 2.6	13.8 ± 4.1	18.7 ± 6.6	3.5 ± 0.6	22.1
2 h	9.5 ± 3.4	27.9 ± 2.2	37.5 ± 3.0	6.6 ± 0.8	44.1
3 h	–	–	–	9.3 ± 0.8	–
4 h	18.3 ± 6.1	22.0 ± 2.7	40.3 ± 8.3	11.9 ± 0.5	52.2
5 h	–	–	–	14.5 ± 0.3	–
6 h	–	–	–	17.5 ± 0.1	–
7 h	–	–	–	19.9 ± 0.1	–
8 h	35.1 ± 0.9	20.9 ± 2.7	56.0 ± 18.2	21.8 ± 0.3	77.8
10 h	–	–	–	24.8 ± 0.7	–
12 h	–	–	–	26.9 ± 1.0	–
16 h	–	–	–	29.0 ± 0.7	–
1 d	40.2 ± 4.0	18.1 ± 3.6	58.3 ± 6.9	30.3 ± 1.3	88.6
2 d	44.1 ± 4.7	21.6 ± 5.0	65.7 ± 2.4	(30.3) <sup>e</sup>	95.9
4 d	45.2 ± 4.8	21.4 ± 6.0	66.6 ± 5.0	(30.3) <sup>e</sup>	96.8
6 d	46.5 ± 3.0	22.5 ± 2.2	69.0 ± 5.2	(30.3) <sup>e</sup>	99.3

<sup>a</sup>All values expressed as mean ± standard deviation (SD) The target dose was 3.6 mg/kg body weight (~ 14 μCi/mg). The actual dose delivered was 3.6 ± 0.4 mg (24.4 μmol)/kg (2.08 ± 0.24 μCi/μmol) for the n = 30 rats used for urine, feces and tissue collection (Group 4).

<sup>b</sup>N = 3 per time point for Group 4. Urine and feces were collected from each rat when killed. For time points greater than 1 day (d), these excreta were collected daily. Bladder contents were combined with urine; intestinal contents were combined with feces.

<sup>c</sup>N = 3 (Group 5). Expired <sup>14</sup>C was measured in a separate group of rats than those used to collect urine and feces. The expired <sup>14</sup>C was collected at different time points in the same three animals.

<sup>d</sup>Expired <sup>14</sup>C was not measured at 15 minutes; this value is an estimate obtained by halving the 30-minute measurement.

<sup>e</sup>Expired <sup>14</sup>C was not measured after 1 day; the 1-day measurement was used for estimating totals at subsequent times.