## Disposition of Radioactivity in Excreta 7 Days Following Oral Gavage Administration of 0.3 mg/kg [$^{14}$C]p-Chloroaniline to Male Fischer 344 Rats – Group 1[a]

Dose Recovered in Excreta (%)

| End of Collection Period (d)[b] | Urine Rat 10 | Urine Rat 11 | Urine Rat 12 | Urine Mean ± SD | Feces Rat 10 | Feces Rat 11 | Feces Rat 12 | Feces Mean ± SD |
|---|---|---|---|---|---|---|---|---|
| 1 | 83.67 | 77.11 | 72.30 | 77.69 ± 5.71 | 11.67 | 9.37 | 8.45 | 9.83 ± 1.66 |
| 2 | 5.51 | 7.31 | 3.89 | 5.57 ± 1.71 | 1.31 | 2.08 | 2.99 | 2.13 ± 0.84 |
| 3 | 2.91 | 0.85 | 1.50 | 1. 75 ± 1.05 | 0.25 | 0.94 | 0.47 | 0.55 ± 0.35 |
| 4 | 1.46 | 1.20 | 0.86 | 1.17 ± 0.30 | 0.16 | 0.10 | 0.20 | 0.15 ± 0.05 |
| 5 | 0.66 | 1.04 | 0.41 | 0.70 ± 0.32 | 0.19 | 0.09 | 0.09 | 0.12 ± 0.06 |
| 6 | 0.35 | 0.22 | 0.24 | 0.27 ± 0.07 | 0.15 | 0.09 | 0.72 | 0.32 ± 0.35 |
| 7 | 0.42 | 0.47 | 0.27 | 0.39 ± 0.10 | 0.17 | 0.10 | 0.07 | 0.11 ± 0.05 |
| **Cumulative** | **95.31** | **88.20** | **79.47** | **87.66 ± 7.93** | **13.90** | **12.77** | **12.99** | **13.22 ± 0.60** |

Concentration of Total $^{14}$C in Excreta (Nanomoles p-Chloroaniline equivalents)

| End of Collection Period (d) | Urine Rat 10 | Urine Rat 11 | Urine Rat 12 | Urine Mean ± SD | Feces Rat 10 | Feces Rat 11 | Feces Rat 12 | Feces Mean ± SD |
|---|---|---|---|---|---|---|---|---|
| 1 | 290 | 286 | 242 | 273 ± 27 | 40 | 35 | 28 | 34 ± 6 |
| 2 | 19 | 27 | 13 | 20 ± 7 | 5 | 8 | 10 | 8 ± 3 |
| 3 | 10 | 3 | 5 | 6 ± 4 | 1.0 | 3.5 | 1.6 | 2.0 ± 1.3 |
| 4 | 5 | 4.4 | 2.8 | 4.1 ± 1.3 | 0.6 | 0.4 | 0.7 | 0.6 ± 0.2 |
| 5 | 2.0 | 3.8 | 1.4 | 2.4 ± 1.3 | 0.7 | 0.3 | 0.3 | 0.4 ± 0.2 |
| 6 | 1.2 | 0.8 | 0.8 | 0.9 ± 0.2 | 0.5 | 0.3 | 0.2 | 0.3 ± 0.2 |
| 7 | 1.4 | 1.7 | 0.9 | 1.3 ± 0.4 | 0.6 | 0.4 | 0.2 | 0.4 ± 0.2 |
| **Cumulative[c]** | **329** | **327** | **266** | **307 ± 36** | **48** | **48** | **41** | **46 ± 4** |

[a] Values are mean ± standard deviation (SD) for three rats. The actual oral dose was 0.22, 0.24, and 0.22 mg/kg for rats 10 (202 g), 11 (205 g), and 12 (185 g), respectively (ca. 9 $\mu$Ci/kg).

[b] d = day

[c] Cumulative nanomoles are based on actual amount of p-chloroaniline administered (1.76, 1.88, and 1.70 $\mu$Ci for rats 10, 11, and 12, respectively).