

**Recovery of Radioactivity Through 24 Hours Following Oral Gavage Administration
of 35 mg/kg [¹⁴C] 5-Amino-o-cresol to Female B6C3F₁ Mice (Study H)^a**

Dose Recovered in Excreta (%)

End of Collection Period (h)	Urine CPDE ^b	Feces CPDE	Volatile Organics ^c CPDE	CO ₂ ^c CPDE	Total CPDE
6	66.4 ± 6.2	d	0.0053 ± 0.0009	0.0658 ± 0.0052	66.4 ± 6.3
12	86.1 ± 3.8	3.78 ± 1.43	0.0081 ± 0.0009	0.0863 ± 0.0049	90.0 ± 3.8
24 ^e	96.4 ± 1.6	4.54 ± 1.72	0.0358 ± 0.0414	0.101 ± 0.003	101 ± 3

Distribution in Tissues (24 hours)

Tissue	nmol-eq AOC per g Tissue ^f Mean	nmol-eq AOC per g Tissue SD	TBR ^f Mean	TBR SD	% Dose in Total Tissue ^g Mean	% Dose in Total Tissue SD
Adipose ^h	0.515	0.309	0.798	0.665	0.0121	0.0068
Urinary Bladder	0.420	0.137	0.532	0.134	0.0002	0.0001
Blood ^h	0.826	0.310	Unity	—	0.0140	0.0060
Brain	0.0769	0.0201	0.111	0.064	0.0004	0.0001
Heart	0.269	0.020	0.365	0.146	0.0004	0.0000
Kidney	0.769	0.156	1.09	0.58	0.0033	0.0006
Liver	3.84	0.80	5.46	2.92	0.0667	0.0083
Lung	0.482	0.070	0.673	0.319	0.0011	0.0002
Muscle ^h	0.184	0.052	0.252	0.122	0.0239	0.0061
Skin ^h	0.959	0.325	1.23	0.46	0.0545	0.0214
Spleen	0.347	0.047	0.477	0.216	0.0004	0.0001
Thyroid	0.974	0.617	1.40	1.16	0	0
Uterus	0.278	0.043	0.387	0.181	0.0006	0.0002
Stomach ⁱ	NA ^j	—	NA	—	0.0101	0.0079
Small Intestine ⁱ	NA	—	NA	—	0.0267	0.0174
Cecum ⁱ	NA	—	NA	—	0.0122	0.0087
Large Intestine ⁱ	NA	—	NA	—	0.0174	0.0188
Carcass ^k	NA	—	NA	—	0.0289	0.0301

Disposition Summary – Overall Percent Dose Recovered

Percent Dose Recovered	Mean ± SD
Tissues	0.273 ± 0.092
Excreta	101 ± 3
Overall % Dose Recovered	101 ± 3

^aAll values expressed as mean ± standard deviation (SD) (N = 4). The target dose was 35 mg AOC/kg. The actual dose delivered was 36.2 ± 2.1 mg/kg.

^bCPDE = Cumulative percent dose excreted.

^cVolatile organics and CO₂ in exhaled breath.

^dThe first feces collection was 0–12 hours (h).

^e24-h urine collection includes urine present in the urinary bladder at study termination.

^fTBR = tissue/blood ratio

^gA value of 0 ± 0 % dose in total tissue indicates a mean < 0.00005 % dose in total tissue.

^hPercent of dose in these tissues calculated using the following percentages of body weight: adipose 7.0%, blood 4.9%, muscle 38.4%, and skin 16.5%.

ⁱIncludes contents.

^jNA = Not applicable.

^kCarcass values are based on the residual digested carcass after the removal of the listed tissues (i.e., percent dose measured in skin, adipose, blood, and muscle was subtracted from the total percent dose measured in the carcass.)