

**Recovery of Radioactivity 96 Hours Following Dermal Administration of 55 mg/kg
[¹⁴C]Iso E Super to Male Fischer 344 Rats with Covered Dose Sites Group C-96**

Distribution in Tissues (96 h)

Sample	ng-eq IES per g Tissue (Mean)	ng-eq IES per g Tissue (SD)	Tissue Blood Ratio (Mean)	Tissue Blood Ratio (SD)	% Dose in Total Tissue (Mean)	% Dose in Total Tissue (SD)
Blood	191	23	Unity	-	0.022	0.002
Adipose	963	623	4.99	2.84	0.104	0.066
Muscle	188	134	0.95	0.58	0.116	0.080
Bladder	2104	1370	11.03	6.65	0.002	0.001
Skin (ears)	2405	1185	12.83	7.34	0.008	0.003
Spleen	440	262	2.32	1.34	0.002	0.001
Liver	1747	250	9.19	1.23	0.093	0.013
Kidney	1132	229	5.99	1.48	0.013	0.002
Brain	63	13	0.32	0.04	0.001	0.000
Heart	247	70	1.28	0.24	0.001	0.000
Lung	347	75	1.81	0.28	0.002	0.000
Testes	92	14	0.49	0.07	0.002	0.000
Thymus	219	45	1.14	0.11	0.000	0.000
Pancreas	1046	370	5.65	2.48	0.005	0.002
Total in Tissues	-	-	-	-	0.37	0.14
Stomach + Contents	38	28	-	-	0.03	0.02
Small Int + Contents	2121	405	-	-	1.71	0.26
Cecum + Contents	1263	433	-	-	0.98	0.27
Large Int + Contents	501	168	-	-	0.41	0.15
Total in GI Tract^a	-	-	-	-	3.1	0.6
Dose Skin Site	3632	449	18.80	4.67	3.14	0.22

Percent of Dose Recovered in Excreta

Excreta	3-09	3-10	3-11	3-12	Mean	SD
Urine ^b	4.4	5.7	5.5	4.6	5.1	0.6
Feces	3.6	4.3	4.1	3.9	4.0	0.3
Total Excreted	8.0	10.0	9.7	8.5	9.1	0.9

Disposition Summary – Percent of Dose Recovered

Absorbed	3-09	3-10	3-11	3-12	Mean	SD
Urine	4.4	5.7	5.5	4.6	5.1	0.6
Feces	3.6	4.3	4.1	3.9	4.0	0.3
Tissues	0.3	0.3	0.6	0.3	0.4	0.1
GI Tract	3.1	3.8	3.2	2.3	3.1	0.6
Carcass Digest	1.7	1.8	2.2	1.0	1.7	0.5
Total Absorbed	13.1	15.9	15.6	12.2	14.2	1.9
Dose Site Skin	3.3	3.3	2.9	-	3.14	0.22
Unabsorbed	-	-	-	-	-	-
Appliance and washes	56.6	54.3	59.9	60.1	57.7	2.8
Total % Applied Dose Recovered	72.93	73.51	78.38	72.31	74.3	2.8

n = 4. SD = standard deviation.

^a Includes contents.

^b Includes urine present in the bladder at time of sacrifice and cage rinse.