

**Recovery of Radioactivity 48 Hours Following Dermal Administration of 550 mg/kg
[¹⁴C]Iso E Super to Male Fischer 344 Rats with Uncovered Dose Sites Group UN-48-550**

Distribution in Tissues (48 h)

Sample	ng-eq IES per g Tissue ^a (Mean)	ng-eq IES per g Tissue ^a (SD)	Tissue Blood Ratio ^a (Mean)	Tissue Blood Ratio ^a (SD)	% Dose in Total Tissue ^a (Mean)	% Dose in Total Tissue ^a (SD)
Blood	11546	2226	Unity	-	0.146	0.028
Adipose	57538	12802	4.97	0.54	0.686	0.146
Muscle	7477	3033	0.64	0.20	0.515	0.207
Bladder	50426	57568	4.06	4.15	0.006	0.007
Skin (ears)	352727	76805	32.00	11.81	0.130	0.024
Spleen	9629	1536	0.86	0.21	0.004	0.000
Liver	48522	3416	4.30	0.69	0.327	0.042
Kidney	65017	3982	5.81	1.28	0.082	0.009
Brain	3306	453	0.29	0.07	0.004	0.001
Heart	9640	1048	0.85	0.13	0.006	0.001
Lung	15843	1749	1.39	0.16	0.011	0.001
Testes	5333	598	0.47	0.09	0.009	0.001
Thymus	18755	5995	1.63	0.39	0.003	0.002
Pancreas	34451	5020	3.07	0.73	0.020	0.006
Total in Tissues	-	-	-	-	1.95	0.35
Stomach + Contents	2976	1862	-	-	0.22	0.12
Small Int + Contents	35378	3745	-	-	2.78	0.23
Cecum + Contents	45194	9855	-	-	3.56	0.60
Large Int + Contents	21443	2655	-	-	1.73	0.22
Total in GI Tract^a	-	-	-	-	8.3	0.9
Dose Skin Site	32200	14618	2.94	1.47	2.63	1.16

Percent of Dose Recovered in Excreta

Excreta	5-17	5-18	5-19	5-20	Mean	SD
Urine ^b	32.3	24.6	27.0	31.6	28.9	3.7
Feces	14.8	10.8	9.3	8.4	10.8	2.8
Total Excreted	47.1	35.4	36.3	40.1	39.7	5.3

Disposition Summary – Percent of Dose Recovered

Absorbed	5-17	5-18	5-19	5-20	Mean	SD
Urine	32.3	24.6	27.0	31.6	28.9	3.7
Feces	14.8	10.8	9.3	8.4	10.8	2.8
Tissues	2.0	1.5	2.4	2.0	1.9	0.4
GI Tract	7.3	7.6	9.0	9.2	8.3	0.9
Carcass Digest	19.0	17.9	16.6	19.8	18.3	1.4
Total Absorbed	75.5	62.5	64.2	71.0	68.3	6.1
Dose Site Skin	1.0	3.2	3.6	2.7	2.63	1.16
Unabsorbed	-	-	-	-	-	-
VOC	3.7	4.2	4.1	5.2	4.3	0.6
Appliance and washes	2.7	7.4	5.0	3.2	4.6	2.1
Total % Applied Dose Recovered	82.87	77.24	76.95	82.25	79.8	3.2

n = 4. SD = standard deviation.

^a Includes contents.

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