

**Recovery of Radioactivity 24 Hours Following Single Oral Administration of 20 mg/kg [<sup>14</sup>C]Iso E Super to Male Fischer 344 Rats Group C**

Target Dose 20 mg/kg  
 Actual Dose (mg/kg) 20.5 ± 0.6  
 Radioactivity (μCi/rat) 4.93 ± 0.24

**Distribution in Tissues (24 h)**

Tissue	ng-eq IES per g Tissue <sup>a</sup> Mean	ng-eq IES per g Tissue SD	Tissue Blood Ratio <sup>a</sup> Mean	Tissue Blood Ratio SD	% Dose in Total Tissue <sup>a</sup> Mean	% Dose in Total Tissue SD
Blood	514	32	0.0	0.00	0.19	0.01
Adipose	626	291	1.2	0.51	0.21	0.10
Muscle	444	209	0.9	0.42	0.87	0.40
Skin	287	8.1	0.6	0.05	0.27	0.01
Bladder	8244	10336	16	21.06	0.014	0.02
Testes	201	5.5	0.4	0.03	0.010	0.001
Kidney	3016	399	5.9	0.59	0.11	0.01
Spleen	618	239	1.2	0.44	0.007	0.003
Liver	3962	866	7.7	1.37	0.85	0.16
Lung	472	29	0.9	0.05	0.0095	0.001
Heart	313	29	0.6	0.03	0.0056	0.001
Brain	74	2.8	0.1	0.01	0.0029	0.0001
Thymus	214	16	0.4	0.03	0.0016	0.0005
Pancreas	3192	1142	6.3	2.32	0.075	0.03
<b>Total in Non-digestive Tract Tissues</b>	-	-	-	-	<b>2.6</b>	<b>0.63</b>

**Percent Dose in Total Tissue**

Tissue	Mean	SD
Stomach and Contents	0.1	0.0
Small Intestines and Contents	18.5	1.5
Cecum and Contents	13.1	1.9
Large Intestines and Contents	6.9	0.8
<b>Total in Digestive Tract Tissues and Contents</b>	<b>38.5</b>	<b>1.4</b>
<b>Total in All Tissues<sup>a</sup></b>	<b>41</b>	<b>1.2</b>

**Percent Dose Excreted**

Sample	Mean	SD
Urine <sup>b</sup>	25	5.5
Feces	25	2.3
<b>Total Excreted</b>	<b>49</b>	<b>5.4</b>
<b>Total % Dose Recovered</b>	<b>90</b>	<b>5.5</b>

n = 4. SD = standard deviation.

<sup>a</sup> Includes radioactivity recovered in carcass.

<sup>b</sup> Includes urine present in the bladder at time of sacrifice.