

Distribution of Radioactivity in 72 Hours Following Dermal Administration of 5 mg/kg [¹⁴C]1-Butyl-3-methylimidazolium chloride in Nanopure Water to Male Fischer 344 Rats

Percent of Dose Recovered in 72 Hours

Sample	% Dose Recovered Mean ^a ± SD
Feces	0.34 ± 0.37
Urine	0.71 ± 0.70
Cage rinse	0.39 ± 0.39
Blood	0.00 ± 0.00
Site of Application and other Tissues ^b	85.64 ± 0.00
Trap	5.36 ± 3.27
Total Recovery	92.44 ± 5.17

^aN = 4. Cumulative

^bSee table below for other tissues.

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

100 µCi/kg, 400 uL/kg

Percent of Dose Recovered in Tissues at 72 Hours

Sample	% Dose Recovered Mean ^c ± SD
Liver	0.02 ± 0.02
Kidney	0.00 ± 0.00
Application Site Skin	28.23 ± 9.01
Application Site Skin - Washed/Stripped	57.25 ± 6.33
Naïve Site Skin	0.07 ± 0.06
Total Recovery in Tissues	85.56 ± 2.93

^cN = 4.

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

100 µCi/kg, 400 uL/kg