

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

Percent of Dose Recovered in 72 Hours

Sample	% Dose Recovered Mean ^a ± SD
Feces	5.15 ± 4.28
Urine	5.60 ± 1.88
Cage rinse	4.05 ± 2.46
Blood	0.02 ± 0.01
Site of Application and other Tissues ^b	67.86 ± 9.47
Trap	12.23 ± 19.08
Total Recovery	94.90 ± 10.58

^aN = 5. 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	0.06 ± 0.03
Kidney	0.01 ± 0.00
Application Site Skin	7.39 ± 4.30
Application Site Skin - Washed/Stripped	60.28 ± 11.69
Naïve Site Skin	0.12 ± 0.16
Total Recovery in Tissues	67.86 ± 9.47

^cN = 5.

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

100 µCi/kg, 400 uL/kg