

Distribution of Radioactivity in 72 Hours Following Gavage Administration of 0.5, 5, or 50 mg/kg [¹⁴C]1-Butyl-3-methylpyrrolidinium chloride to Male Fischer 344 Rats

Percent of Dose Recovered in 72 Hours Following 0.5 mg/kg Dose

Sample	% Dose Recovered Mean ^a ± SD
Feces	64.7 ± 7.1
Urine	21.4 ± 3.8
Cage rinse	16.7 ± 6.3
Blood	0.00 ± 0.00
Tissues	N.D.
Total Recovery	102.8 ± 7.7

^aN = 4. Cumulative values
 SD = standard deviation.
 N.D. = Not determined.
 Rats were maintained on NTP 2000 diet.
 50 µCi/kg

Percent of Dose Recovered in 72 Hours Following 5 mg/kg Dose

Sample	% Dose Recovered Mean ^b ± SD
Feces	68.2 ± 4.3
Urine	18.8 ± 0.8
Cage rinse	9.7 ± 1.5
Blood	0.00 ± 0.00
Tissues	N.D.
Total Recovery	96.8 ± 5.1

^bN = 4. Cumulative values
 SD = standard deviation.
 N.D. = Not determined.
 Rats were maintained on NTP 2000 diet.
 50 µCi/kg

Percent of Dose Recovered in 72 Hours Following 50 mg/kg Dose

Sample	% Dose Recovered Mean ^c ± SD
Feces	51.0 ± 6.2
Urine	27.6 ± 8.5
Cage rinse	9.5 ± 2.2
Blood	0.00 ± 0.00
Tissues	0.3 ± 0.6
Total Recovery	88.5 ± 10.8

^cN = 5. Cumulative values
 SD = standard deviation.
 N.D. = Not determined.
 Rats were maintained on Teklad 4% rat diet 7001 *ad libitum*.
 50 µCi/kg