

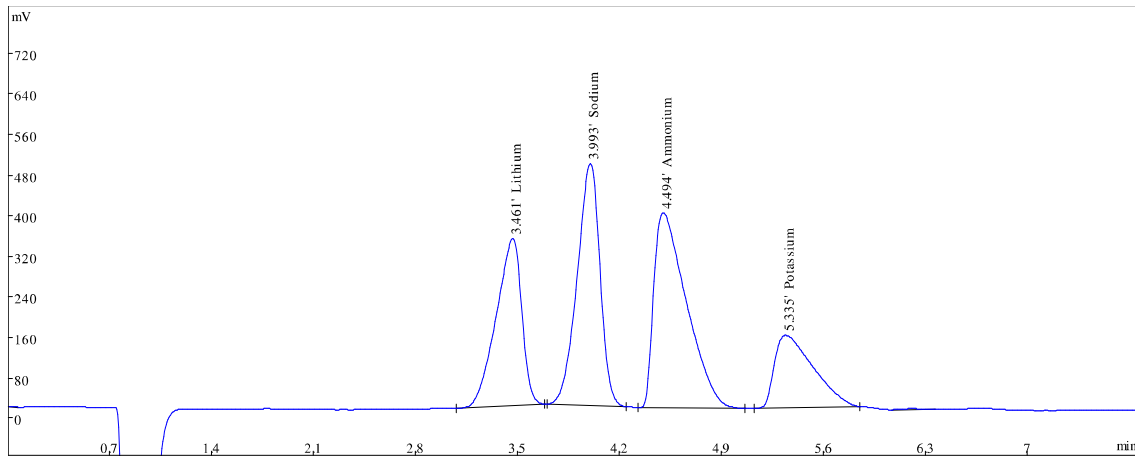
APPLICATION NOTE



Hamilton PRP-X200 – Alkali Metals

Equipment : IONUS
Column : PRP-X200, 10 µm, 100 mm x 4.1 mm ID, P/N 79363, S/N 116
(Hamilton Company, USA)
Eluent profile..... : isocratic
Eluent : 4.0 mM Nitric Acid + Methanol (70 : 30, V/V)
Flow..... : 1000 µl/min
Temperature : 30 °C
Detection : Conductivity
Injection volume..... : 20 µl
Sample : Lithium 25 mg/l
Sodium 100 mg/l
Ammonium 100 mg/l
Potassium 100 mg/l

Separation of Standard Solution (Range: 1.0 µS/cm)



Separation of Standard Solution, Dilution 1 : 4 (Range: 0.1 µS/cm)

