

IC Application Note No. C-72

Title: Sodium and potassium in a polyol solution

Summary: Determination of sodium and potassium in a polyol solution using cation chromatography with direct conductivity detection.

Sample: Polyol solution

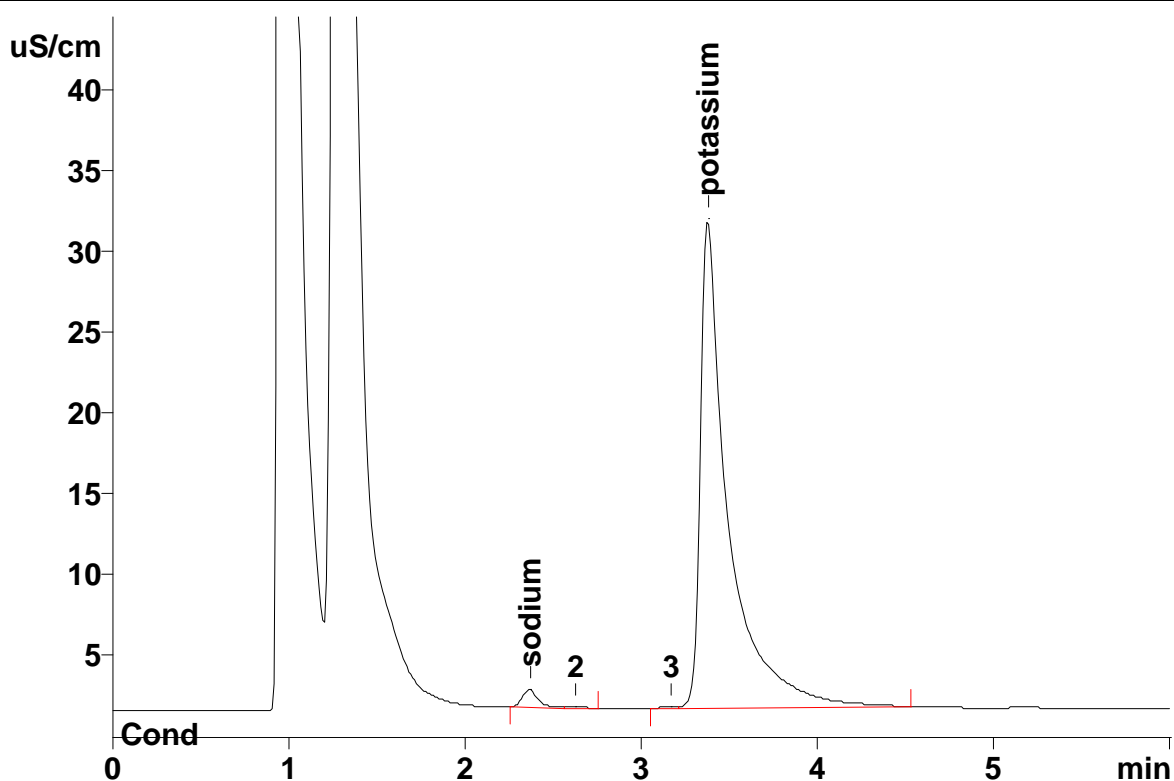
Sample Preparation: 10 g of the sample dissolved with ultrapure water / acetone (1:1) up to 100 mL

Column: 6.1010.210 Metrosep C2 – 100

Eluent: 4.0 mmol/L tartaric acid,
0.75 mmol/L dipicolinic acid, 10% acetone

Flow: 1.0 mL/min

Injection Volume: 100 μ L



Results:	Sodium mg/kg	Potassium mg/kg
	4.8	471