

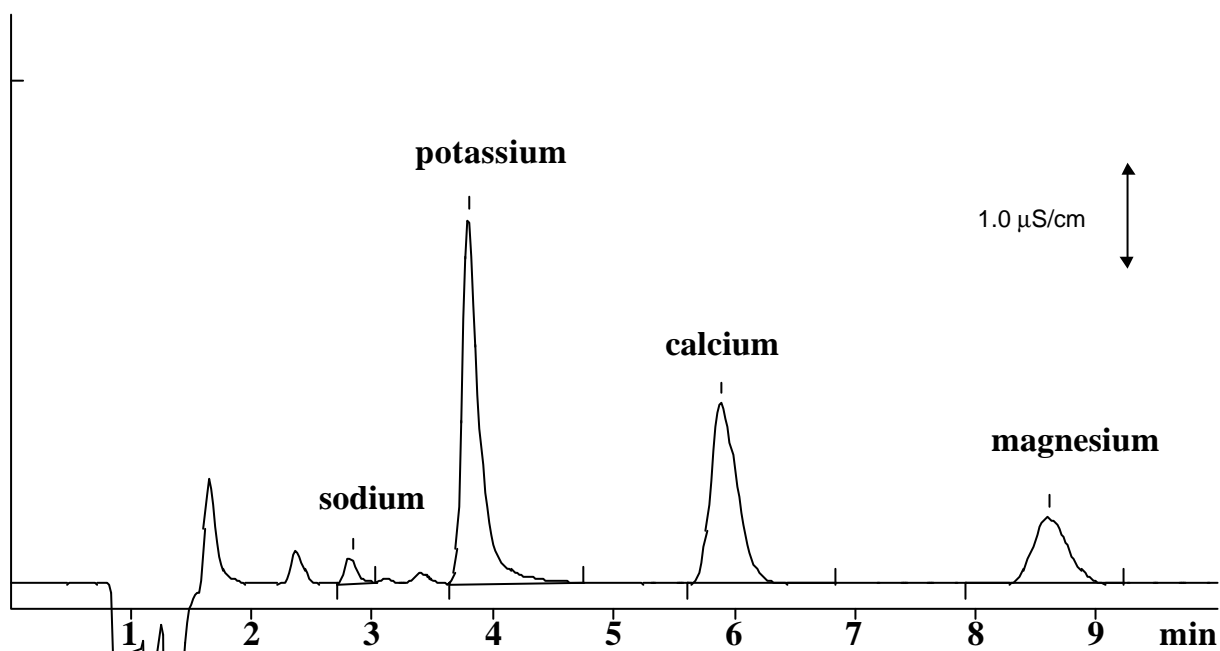
# IC Application Note No. C-10

**Title:** Sodium, Potassium, Calcium and Magnesium in Wine

**Summary:** Determination of sodium, potassium, calcium and magnesium in wine without matrix elimination with direct conductivity detection.

**Sample:** Italien red wine  
**Sample Preparation:** Dilution 1:50 with eluent

**Column:** 6.1010.000 Metrosep Cation 1-2  
**Eluent:** 4 mmol/L tartaric acid, 1 mmol/L dipicolinic acid  
**Flow:** 1.0 mL/min  
**Injection Volume:** 10  $\mu$ L



<b>Results:</b>	Na <sup>+</sup> mg/L	K <sup>+</sup> mg/L	Ca <sup>2+</sup> mg/L	Mg <sup>2+</sup> mg/L
	9.8	822.1	306.1	72.2