

CoreFocus
Report
No.119

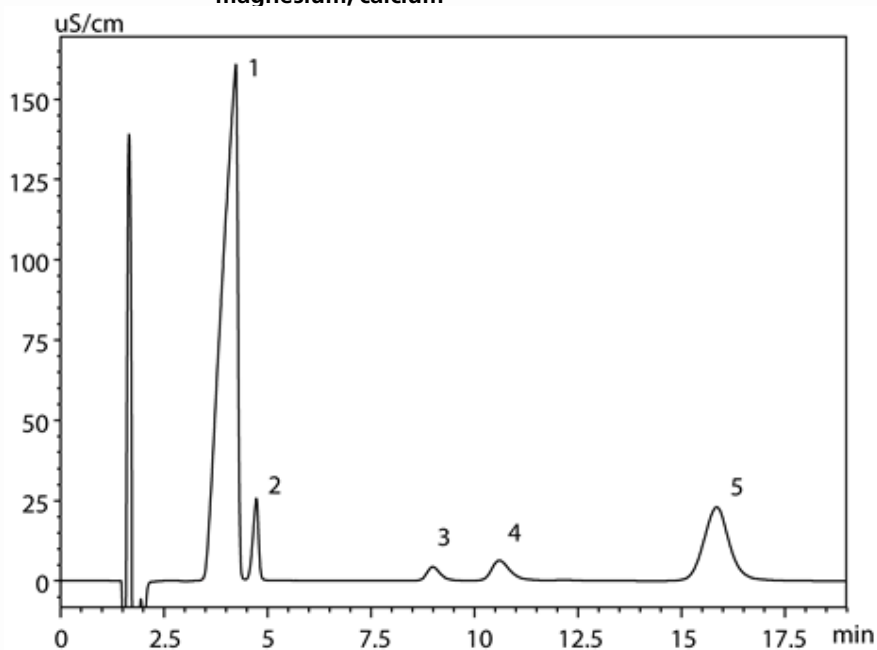
Ion Chromatography (IC)

Shim-pack Series

Shim-pack™ IC-C4

Quantifying NH₄⁺ Using Ion Chromatography (Non-Suppressor System)

Keywords: inorganic ions, cations, sodium, ammonium, potassium, magnesium, calcium



1 : Na⁺
2 : NH₄⁺
3 : K⁺
4 : Mg²⁺
5 : Ca²⁺

Column	: Shim-pack IC-C4 (150 mm L. × 4.6 mm I.D., 7 μm), P/N : 228-41616-91
Mobile phase	: 3 mmol/L Methanesulfonic acid 2 mmol/L 18-crown-6
Flow rate	: 1.0 mL/min
Column temp.	: 40 °C
Detection	: Conductivity detector (CDD-10Avp)
Injection vol.	: 50 μL

Source : Application News L521 ([JP](#), [ENG](#))

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