

**CoreFocus**  
**Report**  
**No.375**

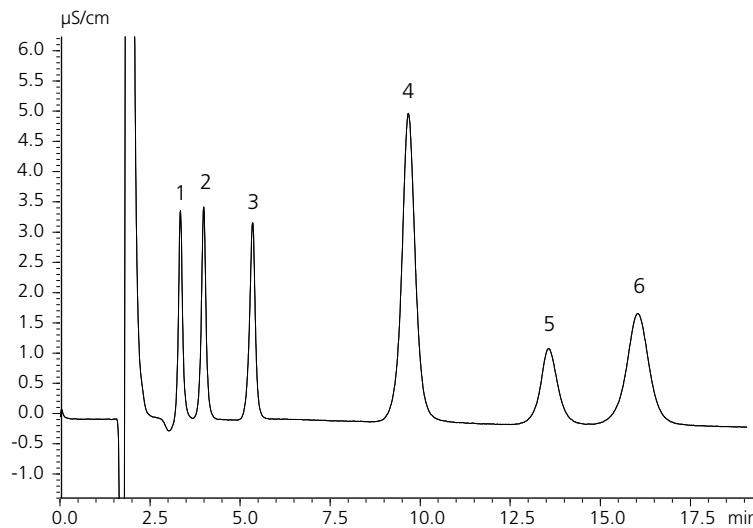
Ion Chromatography (IC)

Shim-pack Series

**Shim-pack™ IC-C4**

**High Speed Analysis of Cations**

**Keywords :** Lithium ion, Sodium ion, Ammonium ion, Potassium ion, Magnesium ion, Calcium ion



1. Li<sup>+</sup> (0.5 mg/L)
2. Na<sup>+</sup> (2.0 mg/L)
3. NH<sub>4</sub><sup>+</sup> (2.0 mg/L)
4. K<sup>+</sup> (5.0 mg/L)
5. Mg<sup>2+</sup> (5.0 mg/L)
6. Ca<sup>2+</sup> (5.0 mg/L)

System	: Prominence™ HIC-NSP
Column	: Shim-pack IC-C4 (150 mm L x 4.6 mm I.D., 7 µm), P/N : 228-41616-91 Shim-pack IC-C4(G) (10 mm L x 4.6 mm I.D., 7 µm), P/N : 228-41616-92
Mobile phase	: 3.0 mmol/L Oxalic acid, 5.0 mmol/L 18-Crown-6
Flow rate	: 1.0 mL/min
Column temp.	: 40 °C
Detection	: Conductivity (CDD-10Asp)
Injection vol.	: 50 µL

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