

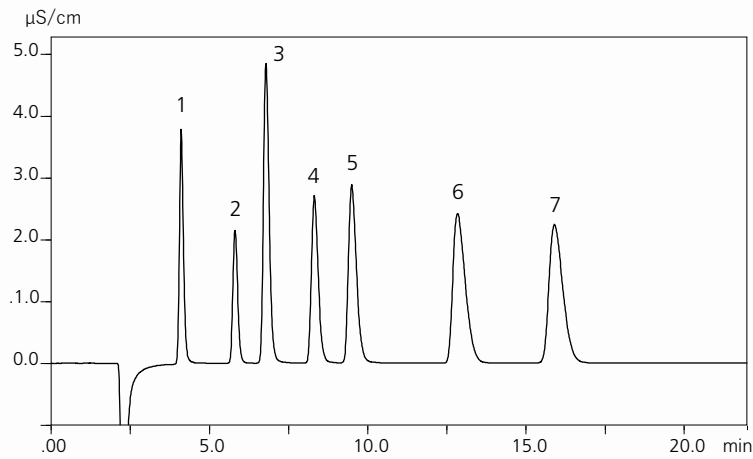
CoreFocus
Report
No.208

Ion Chromatography (IC)

Shim-pack Series

Shim-pack™ IC-SA2
Analysis of Anions by Ion Chromatography

Keywords: fluoride, chloride, bromide, nitrate, nitrite, phosphate, sulfate



- 1. F⁻ (1.0 mg/L)
- 2. Cl⁻ (1.0 mg/L)
- 3. NO₂⁻ (4.0 mg/L)
- 4. Br⁻ (4.0 mg/L)
- 5. NO₃⁻ (4.0 mg/L)
- 6. PO₄³⁻ (10 mg/L)
- 7. SO₄²⁻ (4.0 mg/L)

System	: HIC-ESP
Column	: Shim-pack IC-SA2 (250 mm x 4.0 mm I.D., 9 µm), P/N : 228-38983-91
Guard Column	: Shim-pack IC-SA2(G) (10 mm x 4.6 mm I.D., 9 µm), P/N : 228-38983-92
Mobile phase	: 0.6 mmol/L Sodium carbonate 12.0 mmol/L Sodium hydrogen carbonate
Flow rate	: 1.0 mL/min
Column temp.	: 30 °C
Injection volume	: 50 µL
Vial	: Shimadzu vial, LC, 4 mL, polypropylene, P/N : 228-31537-91
Detection	: Conductivity

Source : Application News 01-00252 [\(JP\)](#)

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