

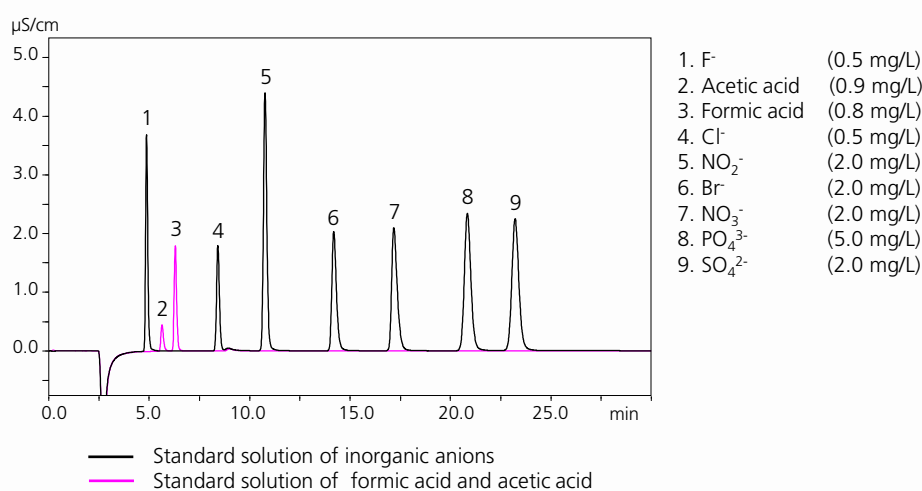
**CoreFocus**  
**Report**  
**No.209**

Ion Chromatography (IC)

Shim-pack Series

**Shim-pack™ IC-SA3**  
**Analysis of Anions by Ion Chromatography**

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



System	: HIC-ESP
Column	: Shim-pack IC-SA3 (250 mm x 4.0 mm I.D., 5 µm), P/N : 228-41600-91
Guard column	: Shim-pack IC-SA3(G) (10 mm x 4.6 mm I.D., 5 µm), P/N : 228-41600-92
Mobile phase	: 3.6 mmol/L Sodium carbonate
Flow rate	: 0.8 mL/min
Column temp.	: 45 °C
Injection vol.	: 50 µL
Vial	: Shimadzu vial, LC, 4 mL, polypropylene, P/N : 228-31537-91
Detection	: UV 210 nm (SPD-40) for formic acid and acetic acid Conductivity (CDD-10Avp) for inorganic anions (Connected in series)

Source : Application News 01-00253 [\(JP\)](#)

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