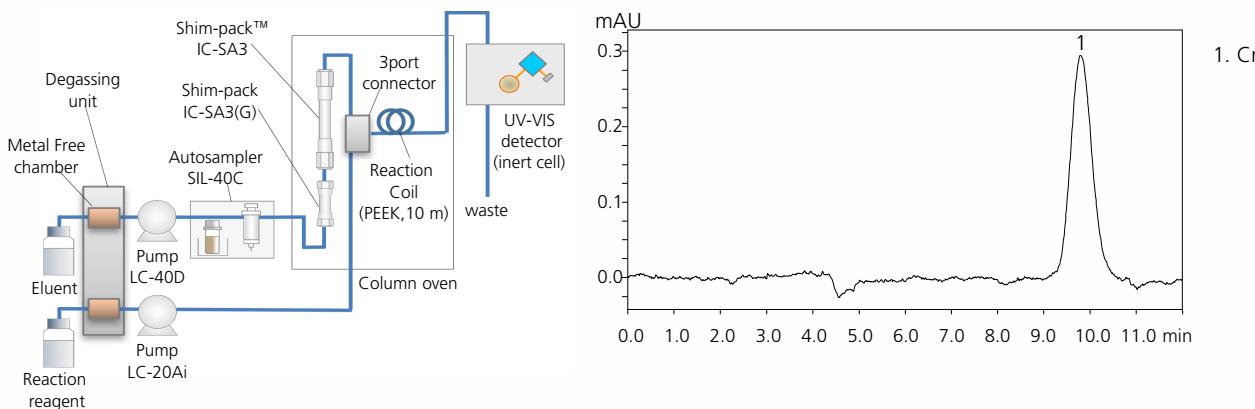


CoreFocus
Report
No.499

LC Reversed-phase Shim-pack Series

Shim-pack™ IC-SA3
Analysis of Derivatized Hexavalent Chromium

Keywords: Water, Suppressor ion chromatograph



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	: 20 mmol/L Sodium carbonate 20 mmol/L Sodium hydrogen carbonate
Mobile phase Flow rate	: 0.8 mL/min
Post Column Reagents	: 2 mmol/L Diphenylcarbohydrazide 10 % (v/v) Methanol 0.5 mmol/L Sulfuric acid
Post Column Reagents Flow rate	: 0.2 mL/min
Column temp.	: 45 °C
Injection volume	: 100 µL
Vial	: Shimadzu Vial, LC, 4 mL, Polypropylene
Detection	: UV-VIS (530 nm, inert cell)
Reaction Coil	: 10 m x 0.5 mm I.D. (PEEK)

Source : Application News an_01-00523 ([JP](#))

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