

CoreFocus Report

No.661

LC

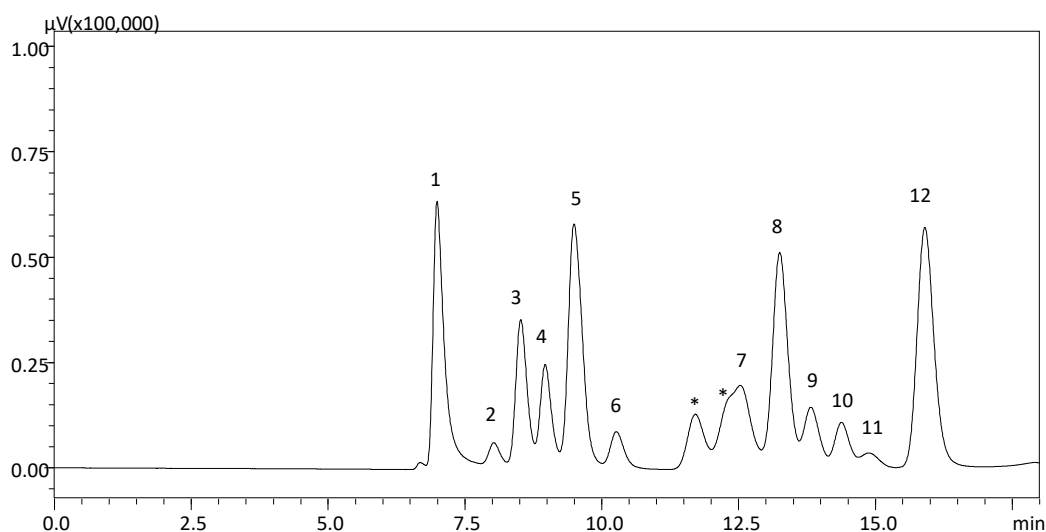
Ion-exclusion mode

Shim-pack™ Series

Shim-pack SCR-101H

Chromatographic separation of saccharides and organic acids in H-based ligand exchange mode

Keywords: retention index, sugars, organic acids



1. Oxalic acid (0.2 mg/mL), 2. Maltose (5 mg/mL), 3. Citric acid (0.5 mg/mL), 4. Tartaric acid (0.2 mg/mL),
5. Glucose (50 mg/mL), 6. Fructose (1 mg/mL), 7. Succinic acid (0.5 mg/mL), 8. Lactic acid (0.2%),
9. Glycerol (1%), 10. Formic acid (0.02%), 11. Fumaric acid (0.001 mg/mL), 12. Acetic acid (0.2%)
*. impurities in lactic acid reagent

Instrument	: LC-2060
Column	: Shim-pack SCR-101H (300 mm x 7.9 mm I.D., 10 μm)*1
Mobile phase	: 4 mmol/L perchloric acid aq.
Flow rate	: 0.6 mL/min
Column temp.	: 40°C
Injection Volume	: 10 μL
Detector	: PDA 200 nm

*1 P/N : 228-07730-93

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