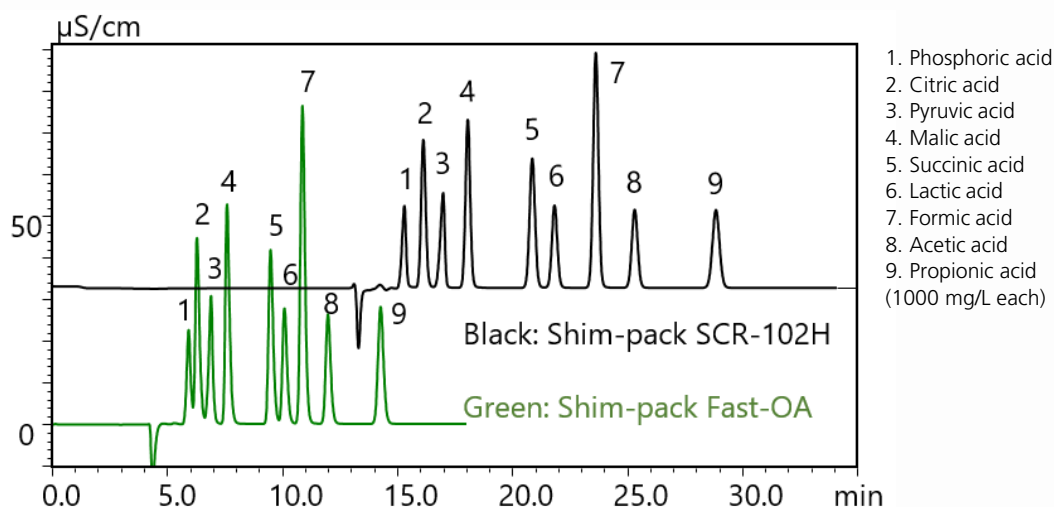


CoreFocus
Report
No.285

LC Ion-exclusion Shim-pack Series

Shim-pack™ Fast-OA and Shim-pack SCR-102H
Analysis of Organic acids by the post-column pH buffering-electric conductivity detection method

Keywords: biomass fermentation sample, biofuel



System	: Nexera™ organic acid analysis system
Column (Conventional)	: Shim-pack SCR-102H (300 mm x 8.0 mm I.D., 7 µm) x2, P/N : 228-17893-91 Guard column SCR-102H (50 mm x 6.0 mm I.D.), P/N : 228-17924-91
Column (Fast)	: Shim-pack Fast-OA (100 mm x 7.8 mm I.D., 5 µm) x3, P/N : 228-59942-41 Shim-pack Fast-OA(G) (10 mm x 4.0 mm I.D.), P/N : 228-59942-42
Mobile phase	: Reagents kit for Organic Acid Analysis System, P/N : 228-61465-91
Flow rate	: 1.0 mL/min
pH Buffering solution	: Reagents kit for Organic Acid Analysis System, P/N : 228-61465-91
Mixer	: MR 20
Column temp.	: 40 °C
Injection vol.	: 10 µL
Vial	: Shimadzu Vials, LC, 1.5 mL, Glass, P/N : S228-15652-92
Detection	: Conductivity detector

Source : Application News L588 ([JP](#), [ENG](#))

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