

CoreFocus Report

No.538

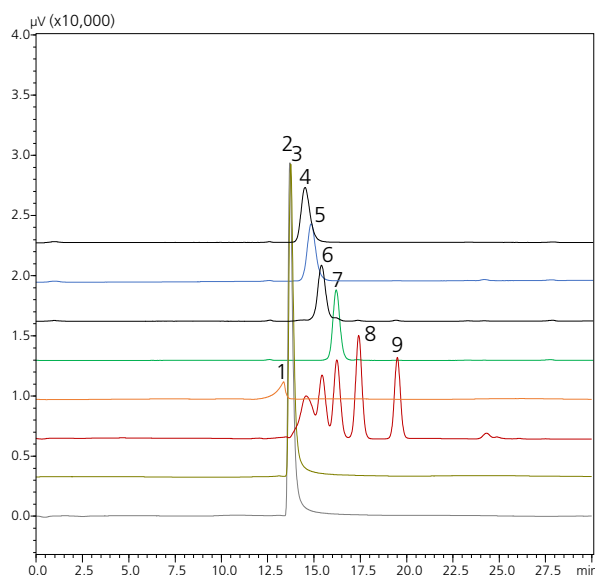
LC Size exclusion and Sodium-based ligand exchange mode Shim-pack Series

Shim-pack™ SUR-Na

Chromatographic separation of glucose oligomers in size exclusion mode

Keywords: Retention index, Sugars

1. Organic acid (Acetic acid)
2. Pullulan (MW: approx. 12200)
3. Pullulan (MW: approx. 6200)
4. Maltoheptaose (MW: 1153.00)
5. Maltohexaose (MW: 990.86)
6. Maltopentaose (MW: 828.72)
7. Maltotetraose (MW: 666.58)
8. Maltotriose (MW: 504.44)
9. Maltose (MW: 342.30)



Instrument	: Nexera™ lite
Column	: Shim-pack SUR-Na (250 mm x 7.8 mm I.D., 8 µm) 2 pc, P/N : 228-59529-01
Guard column	: Shim-pack SUR-Na (G) (50 mm x 7.8 mm I.D., 8 µm), P/N : 228-59529-02
Mobile phase	: Water
Flow rate	: 0.5 mL/min
Column temp.	: 60°C
Injection volume	: 10 µL
Detector	: RID

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