

CoreFocus Report

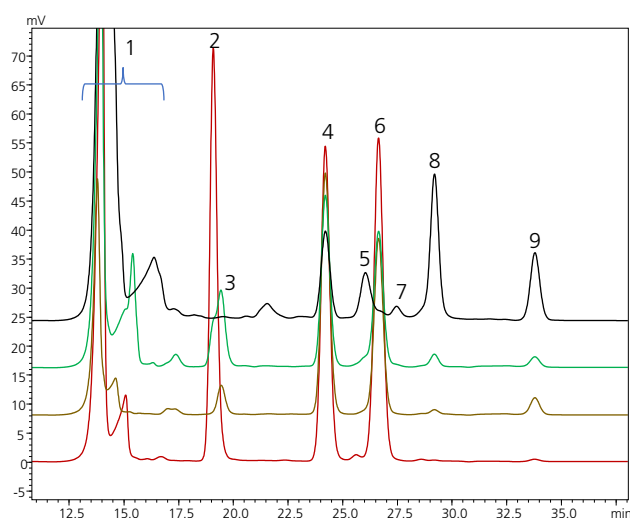
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LC Size exclusion and Sodium-based ligand exchange mode Shim-pack Series

Shim-pack™ SUR-Na

Chromatographic elution pattern of commercially available seasonings

Keywords: Retention index, Sugars, Fructose glucose syrup, Food additive



Soy sauce

Soy sauce with citrus juice

Soy-based dipping sauce for tempura

Worcestershire Sauce

1. Anionic components such as acetic acid and chloride and polysaccharides (around exclusion limit)
2. Sucrose
3. Maltose
4. Glucose
5. Galactose
6. Fructose
7. Arabinose
8. Glycerol
9. Ethanol, etc.

Samples were diluted 10 times with water and measured.

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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