

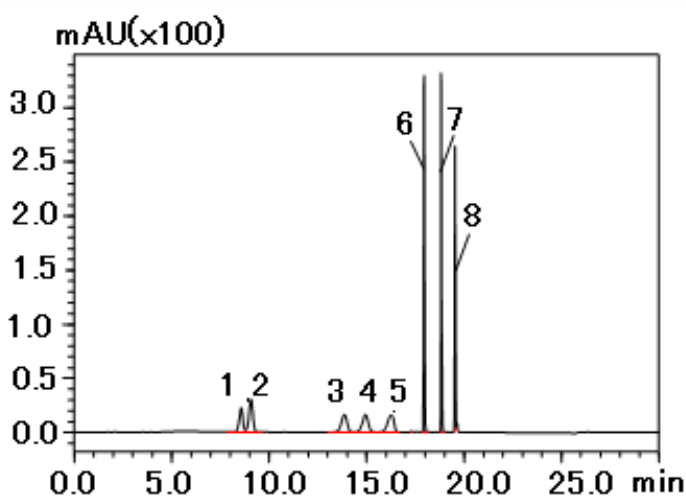
CoreFocus
Report
No.280

LC Reversed-phase Shim-pack Series

Shim-pack™ GIST C18

Analysis of Flavonols

Keywords: polyphenol, flavonoid



1. Myricetin-3-galactoside
2. Myricetin-3-glucoside
3. Rutin (quercetin-3-rutinoside)
4. Hyperoside (quercetin-3-galactoside)
5. Isoquercitrin (quercetin-3-glucoside)
6. Myricetin
7. Quercetin
8. Kaempferol

System	: Nexera™ X3
Column	: Shim-pack GIST C18, (150 mm × 4.6 mm I.D., 3 μm), P/N: 227-30011-07
Mobile phase	: A) 0.1% Formic acid in H ₂ O B) Acetonitrile
Gradient program	: B conc. 15% (0-14.00 min) - 95% (22.01-24.00 min) -15% (24.01-30.00 min)
Flow rate	: 1.0 mL/min
Column temp.	: 40 °C
Injection volume	: 10 μL
Detection	: UV 370 nm

Source : Application News L581 ([JP](#), [ENG](#))

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