

HPLC Application

ID No.: 5635

Gibberellins

Column: Ultracarb[™] 5 µm ODS (30) 60 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-0351-E0

Elution Type: Gradient

Eluent A: 0.05 M NaH₂PO₄, 0.01 M TEA, pH 2.6

Eluent B: Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 70 | 30 |
| | 2 | 1 | 30 | 70 |

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

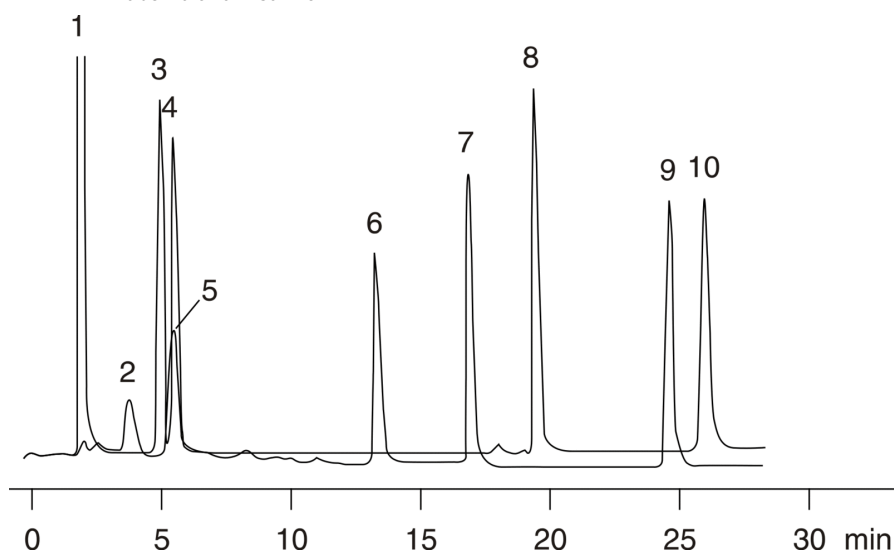
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

Ultracarb[™]



Gibberellins

ANALYTES:

- 1 Caffeic acid
- 2 Quercetin-3-glucuronide
- 3 GA3
- 4 Astilbin
- 5 GA1
- 6 Quercetin
- 7 Kaempferol
- 8 GA4
- 9 Galangin
- 10 GA9

