

# HPLC Application

ID No.: 5635

## Gibberellins

**Column:** Ultracarb<sup>™</sup> 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 NaH<sub>2</sub>PO<sub>4</sub>, 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<sup>™</sup> Guard Cartridge System extends column lifetime.

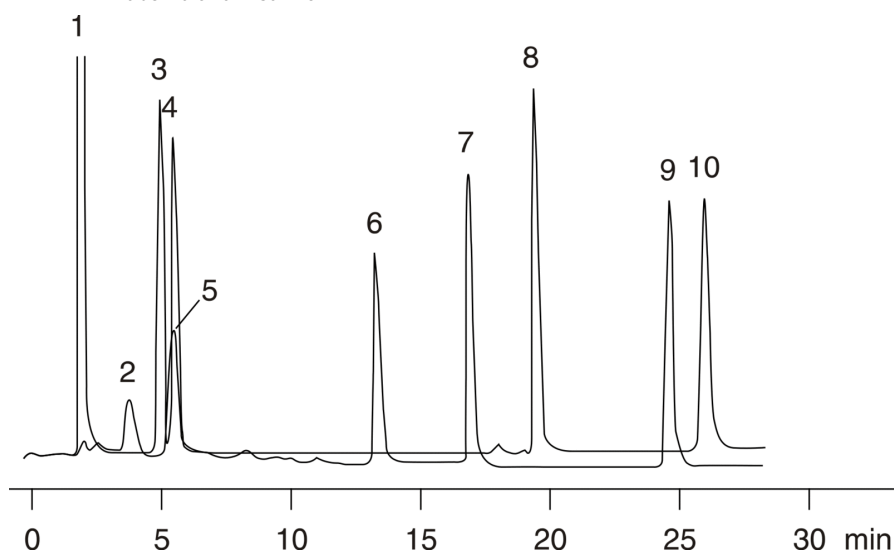
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

## Ultracarb<sup>™</sup>



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### ANALYTES:

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

