

HPLC Application

ID No.: 14313

Alpha and beta-acids in hop extract

Column: Luna[®] 5 µm C18(2) 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4252-E0

Elution Type: Isocratic

Eluent A: Methanol with 0.1% H₃PO₄

Eluent B: Water with 0.1% H₃PO₄

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10

Flow Rate: 1.5 mL/min

Col. Temp.: 30 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 314 nm (ambient)

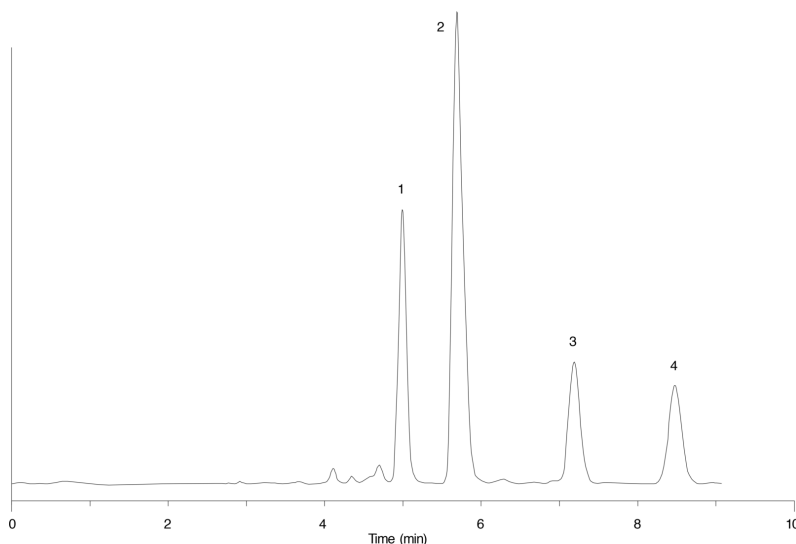
Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 Cohumulone
- 2 Ad+Humulone
- 3 Colupulone
- 4 Ad+Lupulone

