

HPLC Application

ID No.: 14171

Organic Acids in Beer

Column: Aqua[®] 5 μ m C18 125 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4299-E0

Elution Type: Isocratic

Eluent A: 50 mM KH₂PO₄, pH 2.9

Gradient

Step No.	Time (min)	Pct A
1	0	100

Profile:

Flow Rate: 0.7 mL/min

Col. Temp.: 35 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)

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

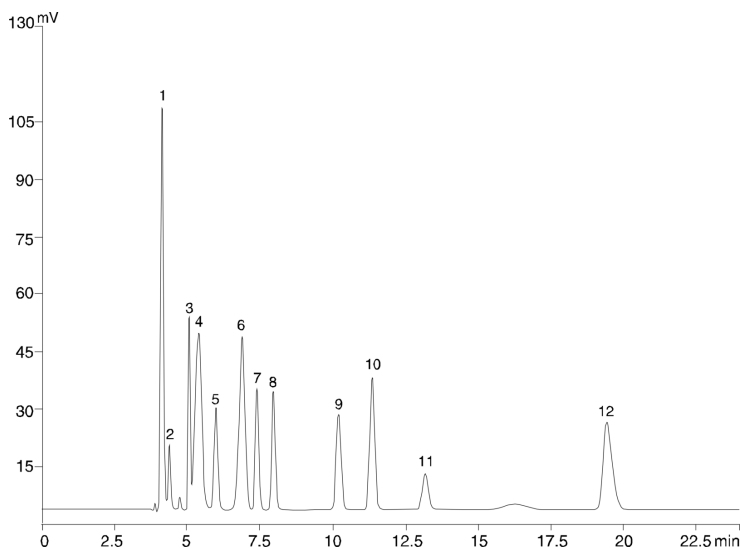
- SecurityGuard Cartridges, AQ C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7511

- Holder Part No.: KJ0-4282



Products used in this application:

Aqua[®]



Organic Acids in Beer

ANALYTES:

- 1 Oxalic acid
- 2 Gluconic acid
- 3 Formic acid
- 4 Ketopropionic acid
- 5 Malic acid
- 6 Ketoglutaric acid
- 7 Lactic acid
- 8 Acetic acid
- 9 Citric acid
- 10 Fumaric acid
- 11 Succinic acid
- 12 Propionic acid

