

HPLC Application

ID No.: 3147

Sugars in Cucumber Juice on Rezex ROA

Column: Rezex[™] ROA-Organic Acid H+ (8%), LC Column 300 x 7.8 mm, Ea

Dimensions: 300 x 7.8 mm ID

Order No: 00H-0138-K0

Elution Type: Isocratic

Eluent A: 1.6 mM Heptafluorobutyric acid in water

Gradient

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

Profile:

Flow Rate: 0.6 mL/min

Col. Temp.: ambient

Detection: Conductivity @ _ (ambient)

Analyst Note: HPLC from a single injection of compounds added to or naturally present in cucumber juice.

SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Carbo-H 4 x 3.0mm, 10/Pk Part No.: AJ0-4490

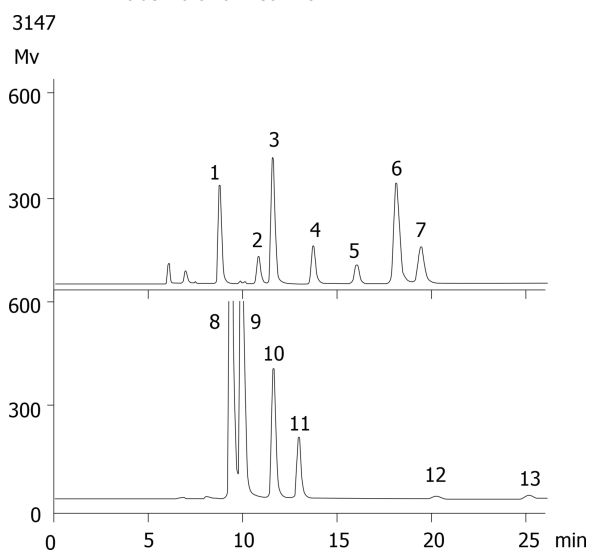
- Holder Part No.: KJ0-4282

REZEX[™]
HPLC COLUMNS for Carbohydrates, Oligosaccharides, and Organic Acid Analysis



Products used in this application:

REZEX[™]



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ANALYTES:

- 1 Malic acid
- 2 Succinic
- 3 Lactic acid
- 4 Acetic acid
- 5 Propionic acid
- 6 i-Butyric
- 7 Butyric acid
- 8 Glucose
- 9 Fructose
- 10 Erythritol
- 11 Glycerol
- 12 Ethanol
- 13 n-Propanol

