

HPLC Application

ID No.: 16648

Bioethanol Standard 9-06-25 AMHPLC

Column: Rezex™ ROA-Organic Acid H+ (8%), LC Column 150 x 7.8 mm, Ea

Dimensions: 150 x 7.8 mm ID

Order No: 00F-0138-K0

Elution Type: Isocratic

Eluent A: 0.005N Sulfuric Acid

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

Flow Rate: 0.6 mL/min

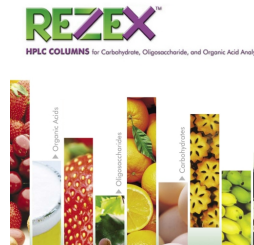
Col. Temp.: 60 °C

Detection: Refractive Index @ 0.0000000000 (40 °C)

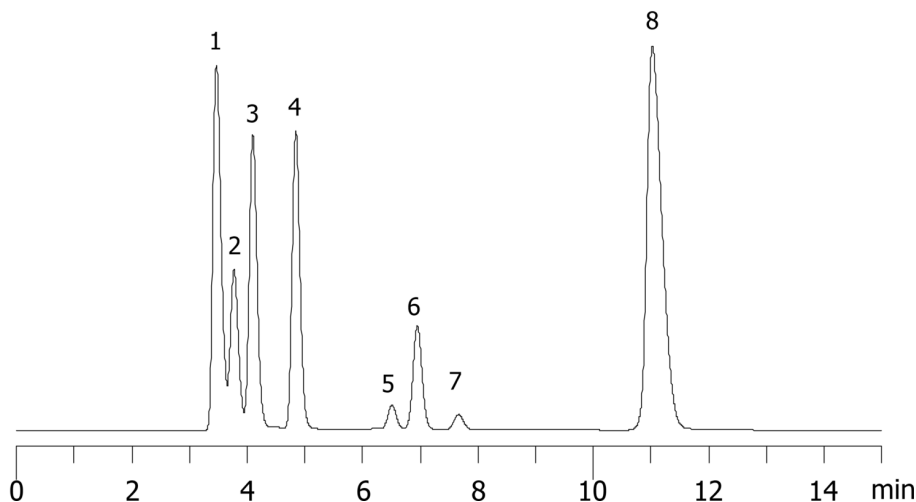
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Carbo-H 4 x 3.0mm, 10/Pk Part No.: AJ0-4490
- Holder Part No.: KJ0-4282

16648



Products used in this application:



ANALYTES:

- | | | |
|----------|-------------|-------------------------|
| 1 | Dp4+ | Retention Time: 3.5 min |
| 2 | Dp3 | Retention Time: 3.8 min |
| 3 | Maltose | Retention Time: 4.1 min |
| 4 | Glucose | Retention Time: 4.9 min |
| 5 | Lactic acid | Retention Time: 6.5 min |
| 6 | Glycerol | Retention Time: 6.9 min |
| 7 | Acetic acid | Retention Time: 7.6 min |
| 8 | Ethanol | Retention Time: 11 min |

