

# HPLC Application

ID No.: 14666

## Organic Acids on HyperClone 5u C18

**Column:** HyperClone™ 5 µm ODS (C18) 120 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4361-E0

**Elution Type:** Isocratic

**Eluent A:** 20mM KH<sub>2</sub>PO<sub>4</sub>, pH=2.5

**Eluent B:** MeOH

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

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

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

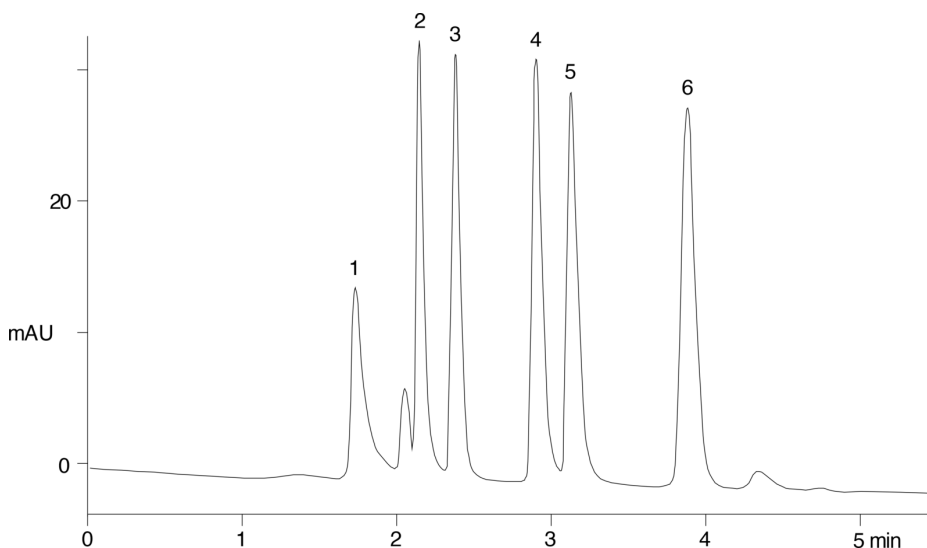
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

**HyperClone**<sup>™</sup>



### ANALYTES:

- 1 Oxalic acid
- 2 Formic acid
- 3 Malic acid
- 4 Lactic acid
- 5 Acetic acid
- 6 Citric acid

