

HPLC Application

ID No.: 9900

Amino Acids - OPA Derivatives

Column: Luna® 3 µm C18(2) 100 Å, LC Column 100 x 4.6 mm, Ea

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4251-E0

Elution Type: Isocratic

Eluent A: 0.1M Na₂HPO₄, anhydrous and 0.1 mM Na₂-EDTA dihydrate in water, pH 6.38

Eluent B: Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30

Flow Rate: 1.2 mL/min

Col. Temp.: 40 °C

Detection: Fluorescence (FLUOR) @ 315-370 (max 350 nm) nm (ambient)

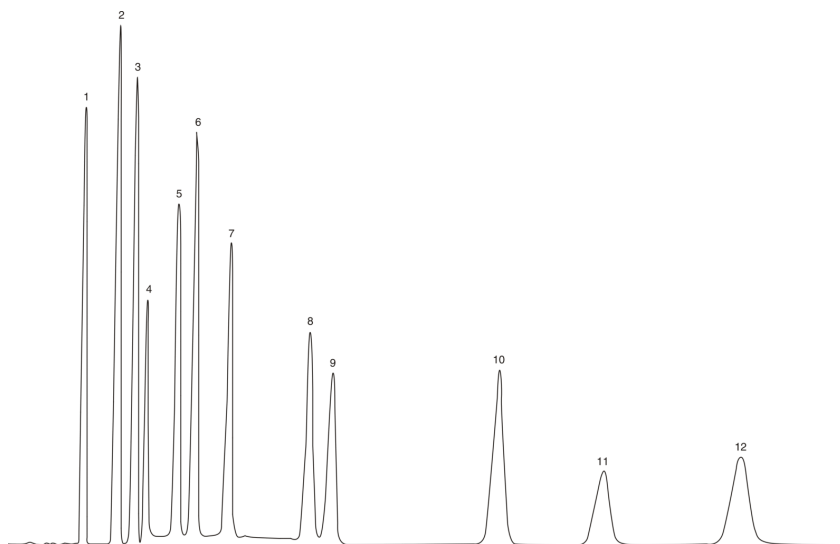
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



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ANALYTES:

- 1 Aspartate
- 2 Glutamate
- 3 Asparagine
- 4 Histidine
- 5 Serine
- 6 Glutamine
- 7 Arginine
- 8 Glycine
- 9 Threonine
- 10 Taurine
- 11 Alanine
- 12 gamma-Aminobutyric acid

