

HPLC Application

ID No.: 1314

Amino Acids

Column: Luna® 3 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4251-E0

Elution Type: Gradient

Eluent A: 4 mM CH₃COO-Na⁺, 4% N,N-Dimethylformamide, pH 6.5 adjusted with acetic acid

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	20	60	40
	3	28	30	70
	4	38	30	70
	5	40	80	20

Flow Rate: 0.75 mL/min

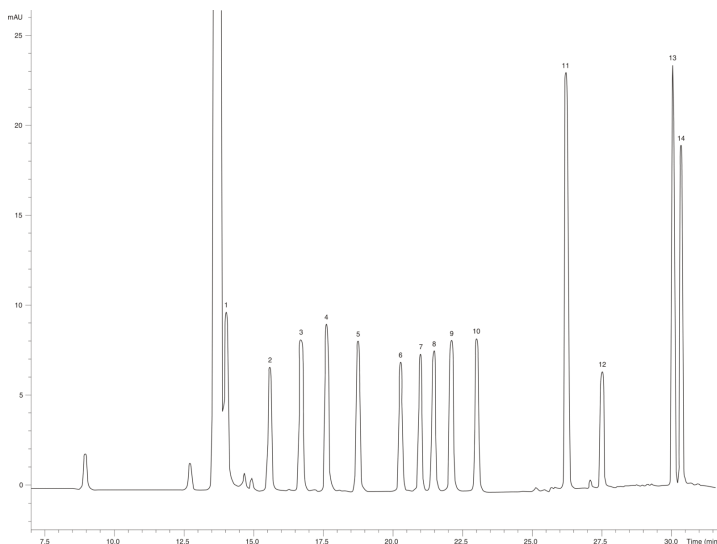
Col. Temp.: 40 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 436 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:



Amino Acids

ANALYTES:

- 1 Citrulline
- 2 Arginine
- 3 Alanine
- 4 Proline
- 5 Valine
- 6 Methionine
- 7 Isoleucine
- 8 Leucine
- 9 Tryptophan
- 10 Phenylalanine
- 11 unknown
- 12 unknown
- 13 Tyrosine
- 14 Nitrotyrosine

