

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)

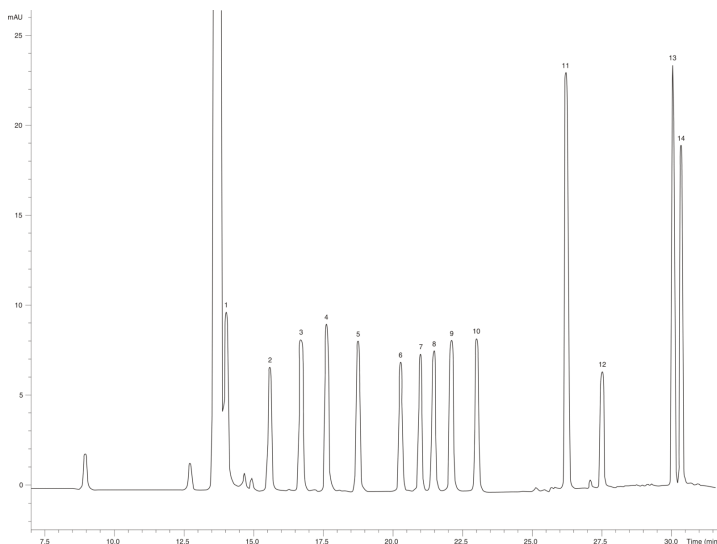
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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

