

OPA Amino Acids on Gemini C18

Column: Gemini® 5 µm C18 110 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4435-E0

Elution Type: Gradient

Eluent A: 40mM NaH₂PO₄, pH 7.8

Eluent B: Acetonitrile/Methanol/Water (45:45:10)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	40.5	59.5	40.5
	3	41	39	61
	4	43	39	61
	5	44	18	82
	6	44.5	0	100
	7	46.5	0	100
	8	47	100	0
	9	49	100	0

Flow Rate: 1 mL/min

Col. Temp.: 40 °C

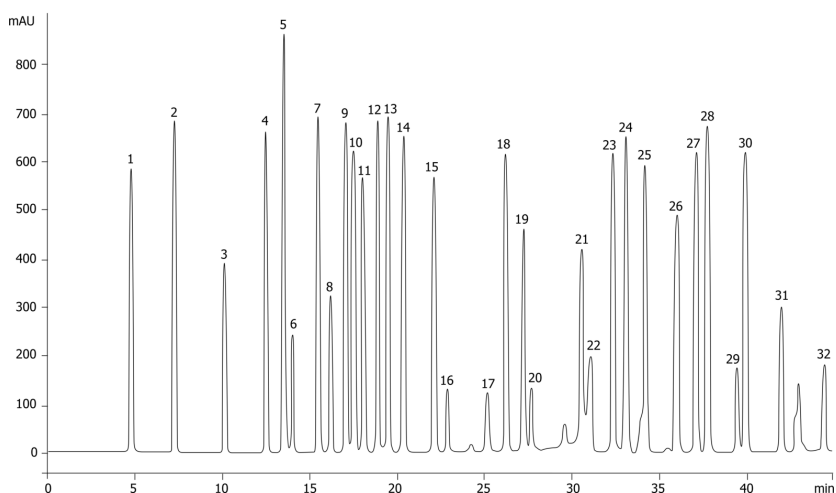
Detection: Refractive Index @ 0.0000000000 (ambient)

Analyst Note: Courtesy of Jens Olaf Kroemer, Technische Biochemie, Universität des Saarlandes, Germany

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Products used in this application:



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ANALYTES:

- 1** Aspartic acid
- 2** Glutamic acid
- 3** Cysteine
- 4** Asparagine
- 5** Serine
- 6** Homocysteine
- 7** Glutamine
- 8** Histidine
- 9** Homoserin
- 10** Glycine
- 11** Threonine
- 12** Citrulline
- 13** Arginine
- 14** beta-Alanine
- 15** Alanine
- 16** gamma-Aminobutyric acid
- 17** o-Acetyl-serine
- 18** Tyrosine
- 19** o-Acetyl-homoserine
- 20** alpha-Aminobutyric acid
- 21** L-Cystathionine
- 22** Histidine 2
- 23** Valine
- 24** Methionine
- 25** Norvaline
- 26** Tryptophan
- 27** Phenylalanine
- 28** Isoleucine
- 29** Ornithine
- 30** Leucine
- 31** Lysine
- 32** Proline

