



Column: [Gemini® 5 µm C18 110 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4435-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Gradient

Elution A: 40mM NaH₂PO₄, pH 7.8

Elution 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: Fluorimetric @ 340 nm (22°C)

Compounds:

- 1- Aspartic acid; 2- Glutamic acid; 3- Cysteine; 4- Asparagine; 5- Serine; 6- Homocysteine; 7- Glutamine; 8- Histidine; 9- Homoserine; 10- Glycine; 11- Threonine; 12- Citrulline; 13- Arginine; 14- β-Alanine; 15- Alanine; 16- γ-Aminobutyric acid; 17- O-acetyl-Serine; 18- Tyrosine; 19- O-acetyl-Homoserine; 20- α-Aminobutyric acid; 21- LL-Cystathionine; 22- Histidine 2 (Iodoacetic acid); 23- Valine; 24- Methionine; 25- Norvaline; 26- Tryptophane; 27- Phenylalanine; 28- Isoleucine; 29- Ornithine; 30- Leucine; 31- Lysine; 32- Proline