



Column: [Ultracarb™ 5 µm ODS \(30\) 60 Å LC Column 250 x 4.6 mm](#)

Part No: [00G-0351-E0](#)

Dimensions: 250 x 4.6 mm ID

Elution Type: Gradient

Elution A: 20 mM Sodium bicarbonate pH 8.1 with 4% dimethylformamide

Elution B: (90:10) Acetonitrile/2-Propanol

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	82	18
2	6	75	25
3	26	60	40
4	41	30	70
5	43	30	70

Flow Rate: 1 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 460 nm (22°C)

Compounds:

- 1- Phosphothreonine; 2- Phosphoserine; 3- Phosphotyrosine; 4- Aspartic acid;
- 5- Glutamic acid; 6- Carboxymethylcysteine; 7 – Serine; 8- Threonine;
- 9- Glycine; 10- Alanine; 11- Proline; 12- Valine; 13- Methionine;
- 14- Isoleucine; 15- Leucine; 16- Arginine; 17- Phenylalanine; 18- Cysteine;
- 19 – Ammonia; 20- Lysine; 21- Histidine; 22- Dityrosine; 23- Tyrosine