



Column: [Luna® 5 µm Silica \(2\) 100 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4274-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Gradient

Elution A: Acetonitrile

Elution B: Water

Elution C: 100mM Ammonium Acetate pH 5.8

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B	Pct C
1	0	90	5	5
2	2.5	90	5	5
3	10	50	45	5
4	12.5	50	45	5

Flow Rate: 2 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 260 nm (22°C)

Compounds:

- 1- PABA
- 2- Nicotinamide
- 3- Riboflavin
- 4- Nicotinic Acid
- 5- Pyridoxine
- 6- Thiamine
- 7- Ascorbic Acid
- 8- Vitamin B12 (Cyanocobalamin)
- 9- Folic Acid