



**Column:** [Luna® 5 µm HILIC 200 Å LC Column 150 x 4.6 mm](#)

**Part No:** [00F-4450-E0](#)

**Dimensions:** 150 x 4.6 mm ID

**Elution Type:** Gradient

**Elution A:** Acetonitrile

**Elution B:** Water

**Elution C:** 100mM Ammonium Formate pH 3.2

**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