



Column: [Luna® 5 µm C18\(2\) 100 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4252-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Gradient

Elution A: 10mM NH₄HCO₃, pH 10.5

Elution B: Acetonitrile

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	80	20
2	10	50	50

Flow Rate: 1 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (22°C)

Compounds:

- 1- Caffeine
- 2- Aniline
- 3- N,N-Dimethylaniline
- 4- 2-Nitroaniline
- 5- N-Methylaniline
- 6- 2-Ethylaniline