



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: 20 mM Ammonium Phosphate, pH 5.0

Elution B: Acetonitrile

Gradient Profile:

| Step No. | Time (min) | Pct A | Pct B |
|----------|------------|-------|-------|
| 1 | 0 | 85 | 15 |
| 2 | 10 | 38 | 62 |

Flow Rate: 1.4 mL/min

Col. Temp: ambient

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

Compounds:

- 1- Ethosuximide
- 2- Primidone
- 3- Lamotrigine
- 4- CBZ 10,11-Epoxyde
- 5- Phenobarbitone
- 6- Carbamazepine
- 7- Phenytoin