



Column: [Luna® 3 µm C8\(2\) 100 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4248-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Isocratic

Elution A: 0.05 M phosphate buffer-dibasic potassium pH 7.0

Elution B: Acetonitrile

Gradient Profile:

| Step No. | Time (min) | Pct A | Pct B |
|----------|------------|-------|-------|
| 1 | 0 | 52.6 | 47.4 |

Flow Rate: 1.3 mL/min

Col. Temp: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 249 nm (22°C)

Compounds:

- 1- Promethazine sulfoxide
- 2- N-Desmethylpromethazine
- 3- Promethazine hydrochloride
- 4- Isopromethiazine
- 5- Phenothiazine