



Column: [Luna® 5 µm C8\(2\) 100 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4249-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Gradient

Elution A: 6.97g/l K₂HPO₄ buffer pH=7.2

Elution B: Acetonitrile

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	63	37
2	22	63	37
3	27	35	65
4	35	35	65
5	36	63	37
6	50	63	37

Flow Rate: 2 mL/min

Col. Temp: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 278 nm (22°C)

Compounds:

- 1- Verapamil Hydrochloride CRS
- 2- Verapamil Hydrochloride Impurity I
- 3- Verapamil Hydrochloride Impurity M