



Column: [Luna® 5 µm C18\(2\) 100 Å LC Column 250 x 4.6 mm](#)

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

Dimensions: 250 x 4.6 mm ID

Elution Type: Isocratic

Elution A: 600:400 ACN:Water with 4g chloroacetic acid adjusted to pH 3.0 with ammonium hydroxide

Gradient Profile:

Step No.	Time (min)	Pct A
1	10	100

Flow Rate: 2 mL/min

Col. Temp: 30 °C

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

Compounds:

- 1- Ibuprofen
- 2- Valerophenone
- 3- Ibuprofen related compound C