

## Fluconazole Related Substance Analysis (HP-EUR) on Luna 5u C18(2) 250 x 4.6mm

**Column:** Luna® 5 µm C18(2) 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4252-E0

**Elution Type:** Isocratic

**Eluent A:** 0.63g/l Ammonium Formate

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	86	14

**Flow Rate:** 2 mL/min

**Col. Temp.:** 40 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (ambient)

**Detector Info:** MBP=232 Bar

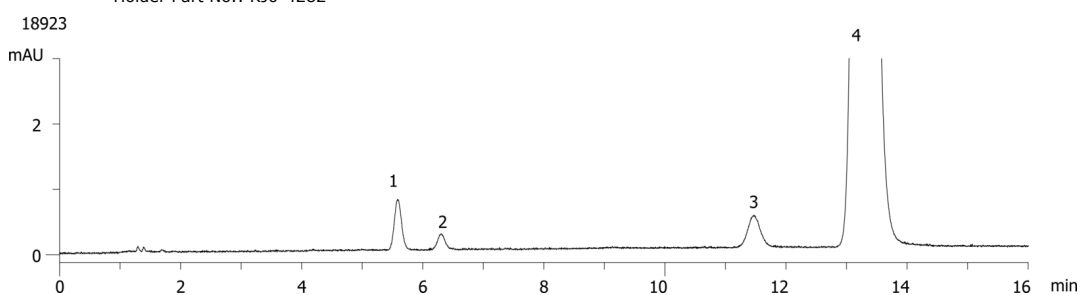
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm ID, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1** Fluconazole impurity B  
Retention Time: 5.586 min
- 2** Fluconazole impurity A  
Retention Time: 6.3 min
- 3** Fluconazole impurity C  
Retention Time: 11.462 min
- 4** Fluconazole  
Retention Time: 13.27 min

