

# HPLC Application

ID No.: 19720

## Esomeprazole (S-enantiomer; Nexium) on Lux Cellulose-2 in RP

**Column:** Lux<sup>®</sup> 5 µm Cellulose-2, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4457-E0

**Elution Type:** Isocratic

**Eluent A:** Acetonitrile + 0.1% DEA

**Eluent B:** 20mM Ammonium Bicarbonate + 0.1% DEA

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

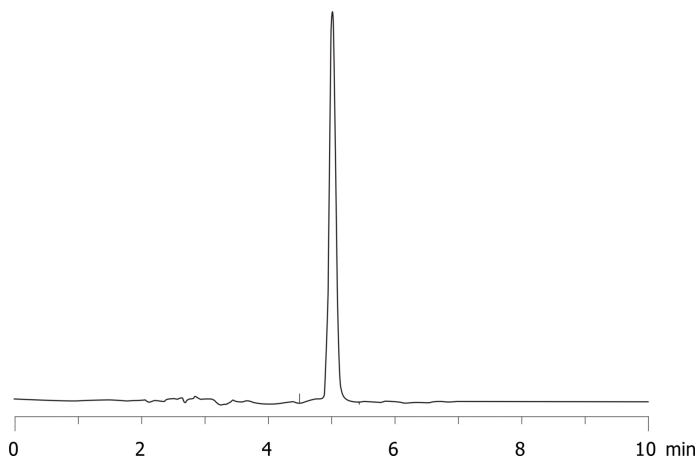
- SecurityGuard Cartridges, Lux Cellulose-2, 4 x 3.0mm ID, 10/Pk Part No.: AJ0-8366

- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

1 Esomeprazole

Retention Time: 5.011 min