

# HPLC Application

ID No.: 19318

## Lansoprazole on Lux 5u Cellulose-4 250 x 4.6mm in RP

**Column:** Lux<sup>®</sup> 5 µm Cellulose-4, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4491-E0

**Elution Type:** Isocratic

**Eluent A:** 20mM NH<sub>4</sub>HCO<sub>3</sub> + 0.1%DEA

**Eluent B:** ACN

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	30	70

**Flow Rate:** 1 mL/min

**Col. Temp.:** 25 °C

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

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

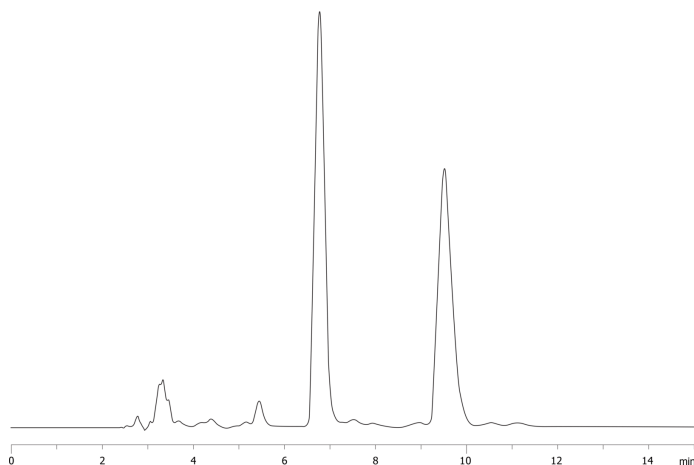
- SecurityGuard Cartridges, Lux Cellulose-4 4 x 3.0 mm, 10/Pk Part No.: AJ0-8627

- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

- 1 Lansoprazole  
Retention Time: 6.766 min
- 2 Lansoprazole  
Retention Time: 9.512 min