

# HPLC Application

ID No.: 17733

## Mephenytoin on Lux 5 $\mu$ Cellulose-1 in NP

**Column:** Lux<sup>®</sup> 5  $\mu$ m Cellulose-1, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4459-E0

**Elution Type:** Isocratic

**Eluent A:** 0.1 % DEA in Hexane

**Eluent B:** 0.1% DEA in IPA

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	10	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.

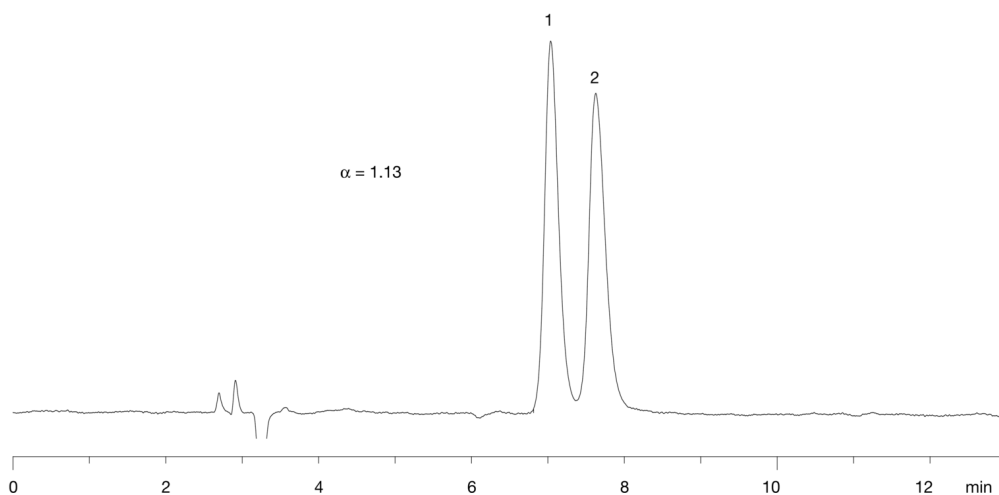
- SecurityGuard Cartridges, Lux Cellulose-1, 4 x 3.0mm, 10/Pk Part No.: AJ0-8403

- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

- 1** Mephenytoin  
Retention Time: 7 min
- 2** Mephenytoin  
Retention Time: 7.6 min