

# HPLC Application

ID No.: 20224

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

**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:** ACN / 20mM NH<sub>4</sub>AC+0.1%DEA (50:50) with None in buffer

Gradient	Step No.	Time (min)	Pct A
<b>Profile:</b>	<b>1</b>	0	100

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

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

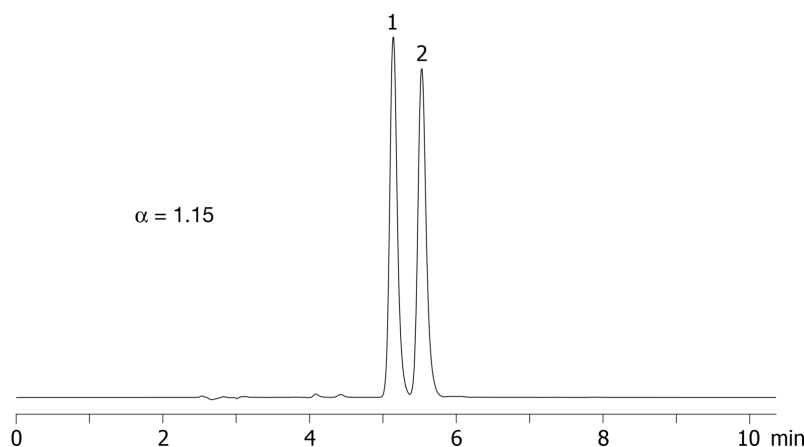
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Lux Cellulose-1, 4 x 3.0mm ID, 10/Pk Part No.: AJ0-8403
- Holder Part No.: KJ0-4282

20224



Products used in this application:



### ANALYTES:

- 1** Mephenytoin  
Retention Time: 5.14 min
- 2** Mephenytoin  
Retention Time: 5.53 min

