

# HPLC Application

ID No.: 20184

## Mephenytoin on Lux 5µm Cellulose-4 in RP

**Column:** Lux® 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:** MeOH / 20mM NH<sub>4</sub>HCO<sub>3</sub> (70:30) with DEA (0.1%) 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)

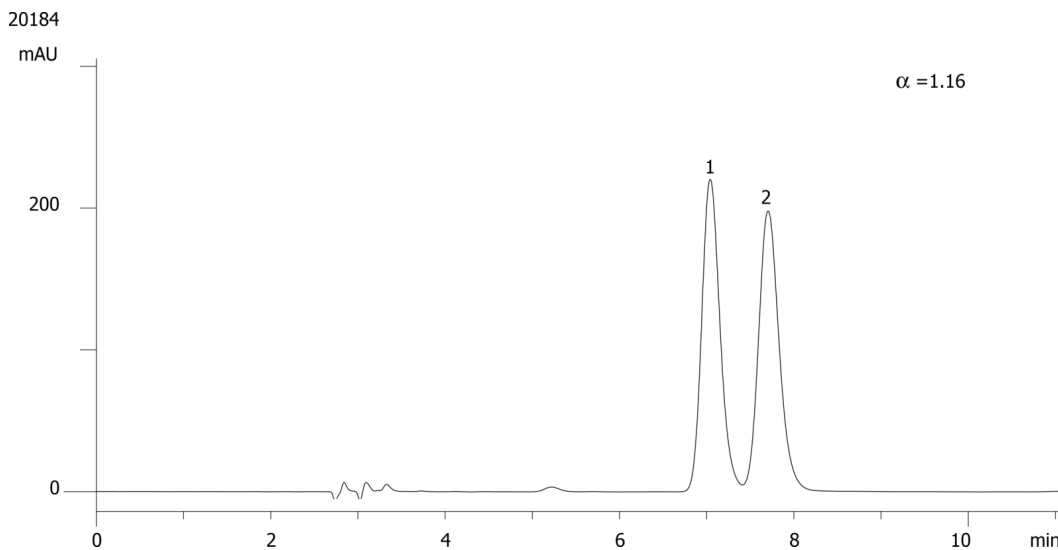
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1** Mephenytoin  
Retention Time: 7.04 min
- 2** Mephenytoin  
Retention Time: 7.7 min