

# HPLC Application

ID No.: 20270

## 5-methyl-5-phenyl-hydantoin on Lux 5µm Cellulose-2 in NP

**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:** Hexane / IPA (80:20) DEA (0.1%)

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.

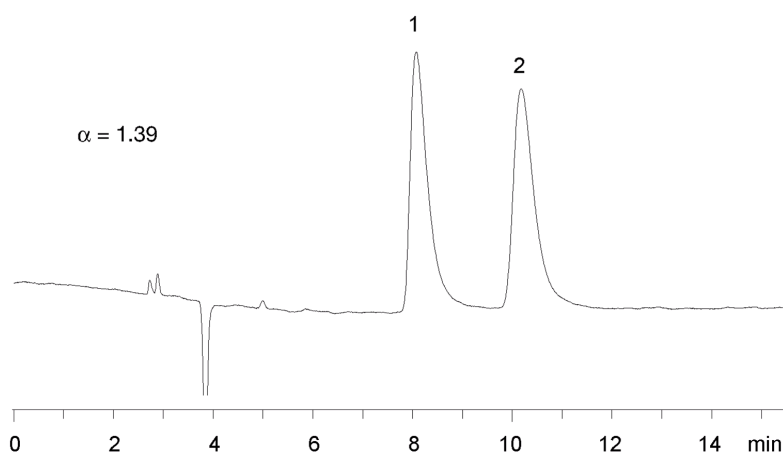
- SecurityGuard Cartridges, Lux Cellulose-2, 4 x 3.0mm ID, 10/Pk Part No.: AJ0-8366

- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

**1** 5-Methyl-5-phenyl-hydantoin

Retention Time: 8.07 min

**2** 5-Methyl-5-phenyl-hydantoin

Retention Time: 10.18 min

