

# HPLC Application

ID No.: 16722

## 1-Phenyl-1-propanol on Lux 5 um Cellulose-1

**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:** Hexane

**Eluent B:** Isopropanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 90    | 10    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 254 nm (ambient)

**Detector Info:**  $\alpha=1.04$  and  $R_s=0.94$

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

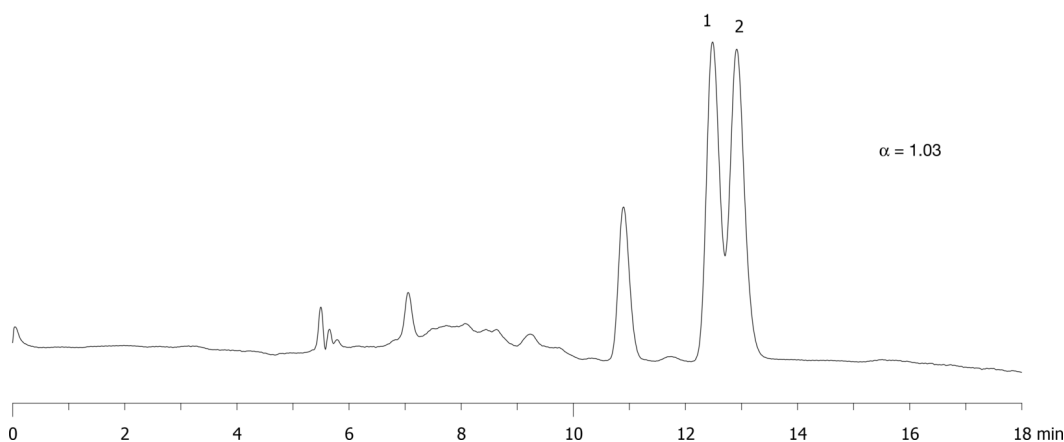
- SecurityGuard Cartridges, Lux Cellulose-1, 4 x 3.0mm, 10/Pk Part No.: AJ0-8403

- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

1 1-Phenyl-1-propanol

2 1-Phenyl-1-propanol

