

# HPLC Application

ID No.: 20306

## Promethazine on Lux 5µm Cellulose-3 in RP

**Column:** Lux® 5 µm Cellulose-3, LC Column 250 x 4.6 mm, Ea  
**Dimensions:** 250 x 4.6 mm ID  
**Order No:** 00G-4493-E0  
**Elution Type:** Isocratic  
**Eluent A:** MeOH / 20mM NH<sub>4</sub>HCO<sub>3</sub>+0.1%DEA (95:5) with None in buffer  
**Gradient**

Step No.	Time (min)	Pct A
1	0	100

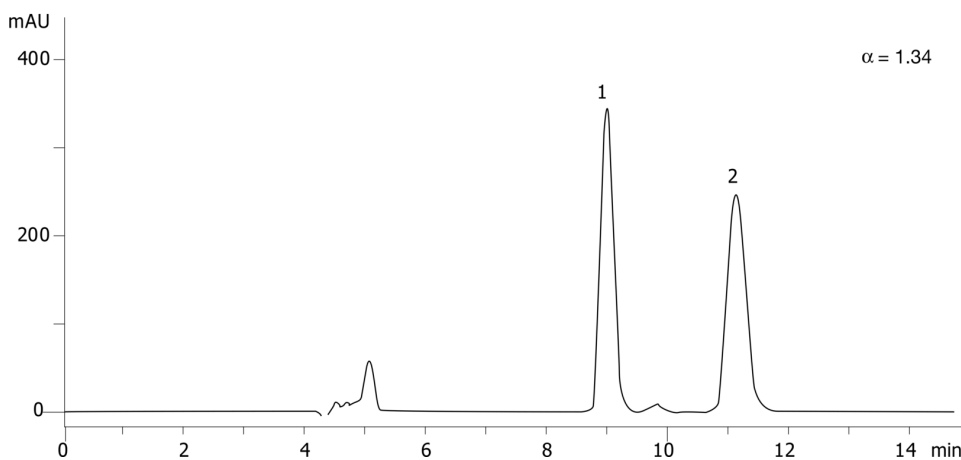
**Profile:**  
**Flow Rate:** 1 mL/min  
**Col. Temp.:** ambient  
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)  
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Lux Cellulose-3 4 x 3.0 mm, 10/Pk Part No.: AJ0-8622
- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

- 1 Promethazine  
Retention Time: 9.01 min
- 2 Promethazine  
Retention Time: 11.13 min

