

## Promethazine on Lux 5µm Cellulose-3 by SFC

**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:** CO<sub>2</sub>/(Isopropanol + 0.5% IPA) 80:20 (v/v)

| Gradient | Step No. | Time (min) | Pct A |
|----------|----------|------------|-------|
| Profile: | 1        | 0          | 100   |

**Flow Rate:** 3 mL/min

**Col. Temp.:** 30 °C

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 220 nm (30 °C)

**Analyst Note:** Courtesy of Katrijn De Klerck, Debby Mangelings and Yvan Vander Heyden, Department of Analytical Chemistry and Pharmaceutical Technology, Vrije Universiteit Brussel, Brussels, Belgium.  
Results of this analysis yielded: Alpha >1.1 and Resolution >1.5

SecurityGuard™ Guard Cartridge System extends column lifetime.

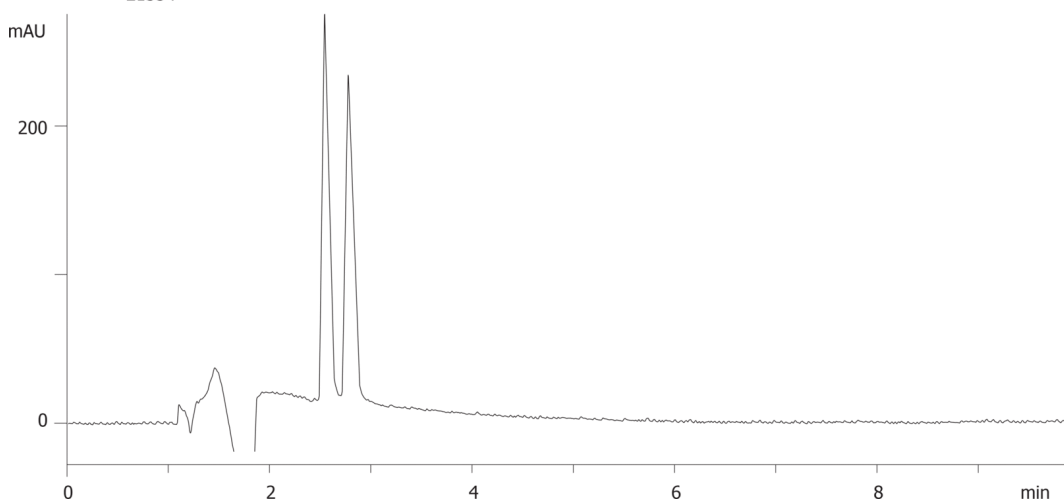
- SecurityGuard Cartridges, Lux Cellulose-3, 4 x 3.0mm ID, 10/Pk Part No.: AJ0-8622

- Holder Part No.: KJ0-4282

21334



**Products used in this application:**



### ANALYTES:

1 Promethazine

2 Promethazine

