

# HPLC Application

ID No.: 20233

## Phenoxybenzamine on Lux 5µm Cellulose-2 in RP

**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:** MeOH / 20mM NH<sub>4</sub>HCO<sub>3</sub>+0.1%DEA (80:20) with None in buffer  
**Gradient**

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

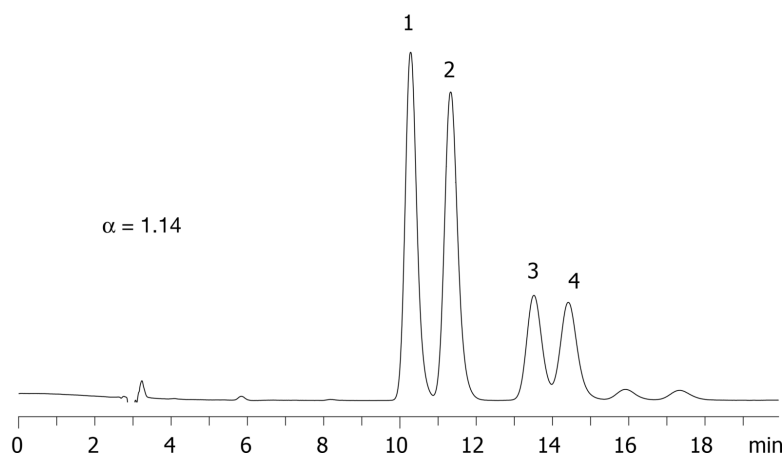
**Profile:**  
**Flow Rate:** 1 mL/min  
**Col. Temp.:** ambient  
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)  
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Lux Cellulose-2, 4 x 3.0mm ID, 10/Pk Part No.: AJ0-8366
- Holder Part No.: KJ0-4282

20233



Products used in this application:



### ANALYTES:

- 1 Phenoxybenzamine  
Retention Time: 10.28 min
- 2 Phenoxybenzamine  
Retention Time: 11.33 min
- 3 Phenoxybenzamine  
Retention Time: 13.51 min
- 4 Phenoxybenzamine  
Retention Time: 14.41 min

