

## Lux i-Amylose-3 Separation for Hydroxyzine

**Column:** Lux® 5 µm i-Amylose-3, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4779-E0

**Elution Type:** Isocratic

**Eluent A:** Hexane

**Eluent B:** Isopropanol

**Eluent C:** Diethylamine

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B | Pct C |
|-------------------|----------|------------|-------|-------|-------|
| 1                 | 15       | 80         | 20    | 0.1   |       |

**Flow Rate:** 1 mL/min

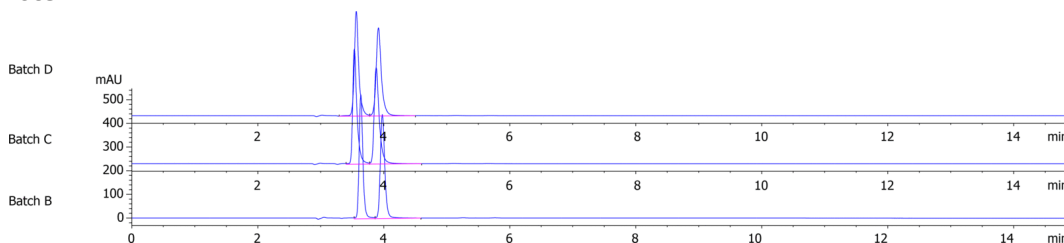
**Col. Temp.:** 25 °C

**Detection:** LC/UV (DAD, PDA) @ 220.000000000 nm (nanometers) (ambient)

**Analyst Note:** 2 mg/mL in Ethanol



Products used in this application:



### ANALYTES:

- 1 Hydroxyzine  
Retention Time: 7.875 min
- 2 Hydroxyzine  
Retention Time: 10.914 min

