

# HPLC Application

ID No.: 25331

## Lux i-Amylose-3 Separation for Hydroxyzine

**Column:** Lux<sup>®</sup> 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

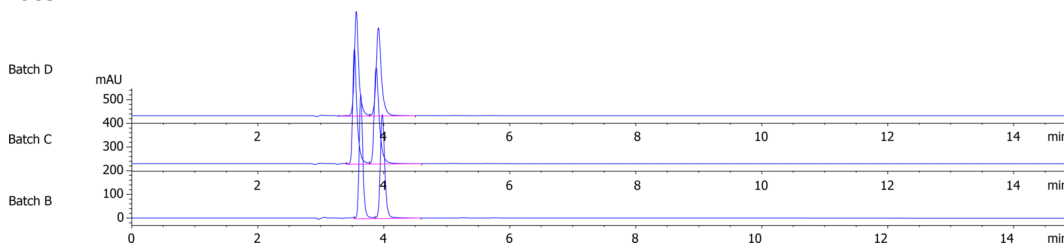
**Col. Temp.:** 25 °C

**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

