

# HPLC Application

ID No.: 24501

## Chiral Separation of Hydroxyzine on Lux 5 $\mu$ m i-Amylose-1 in NP

**Column:** Lux<sup>®</sup> 5  $\mu$ m i-Amylose-1, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4762-E0

**Elution Type:** Isocratic

**Eluent A:** 0.1% DEA in Hexane

**Eluent B:** 0.1% DEA in Ethanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20

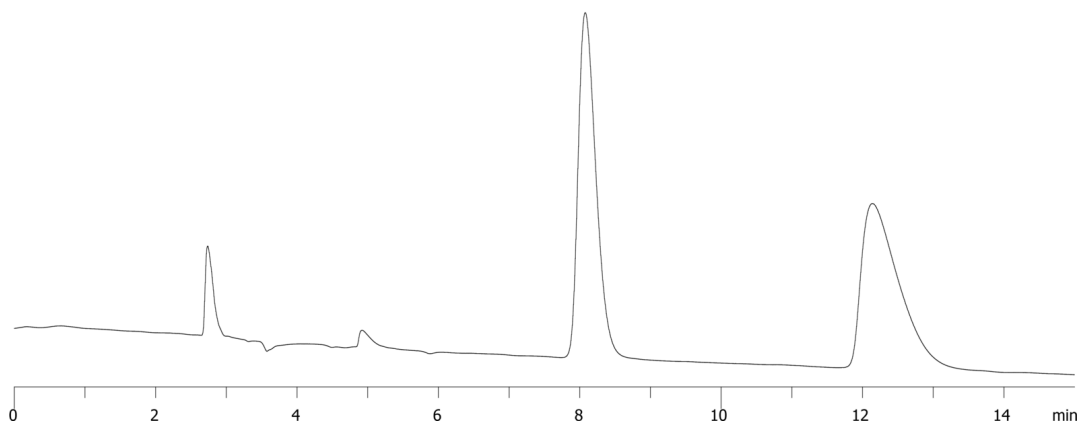
**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)  
24501



Products used in this application:



### ANALYTES:

- 1 Hydroxyzine  
Retention Time: 8.076 min
- 2 Hydroxyzine  
Retention Time: 12.138 min