

# HPLC Application

ID No.: 13708

## Tetrahydrozoline

**Column:** Chirex<sup>®</sup> (S)-VAL and (R)-NEA, LC Column 250 x 4.6 mm, Ea  
**Dimensions:** 250 x 4.6 mm ID  
**Order No:** 00G-3014-E0  
**Elution Type:** Isocratic  
**Eluent A:** Hexane/Dichloroethane/Ethanol-TFA (55:35:10) w/ethanol-TFA (20:1)  
**Gradient**

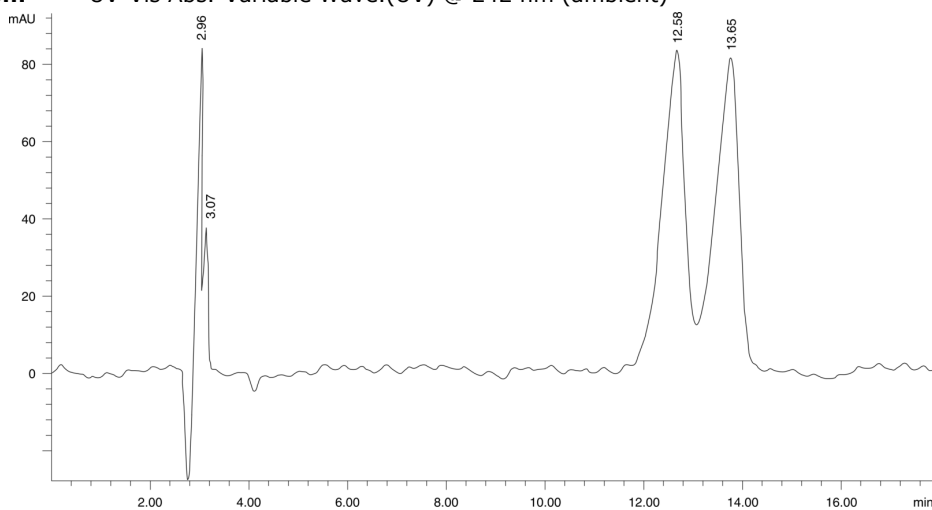
| Step No. | Time (min) | Pct A |
|----------|------------|-------|
| 1        | 0          | 100   |

**Profile:**  
**Flow Rate:** 1 mL/min  
**Col. Temp.:** ambient  
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 242 nm (ambient)



Products used in this application:

**CHIREX**<sup>®</sup>



$\alpha = 1.11$

### ANALYTES:

- 1 Tetrahydrozoline  
Retention Time: 12.58 min
- 2 Tetrahydrozoline  
Retention Time: 13.65 min

