

# HPLC Application

ID No.: 14757

## Chiral Test Mix 3 (AL0-3048)

**Column:** Chirex® (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

**Eluent B:** Isopropanol

**Eluent C:** Ethanol

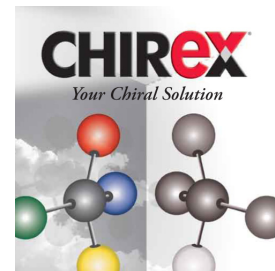
| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B | Pct C |
|-------------------|----------|------------|-------|-------|-------|
|                   | 1        | 0          | 70    | 20    | 10    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

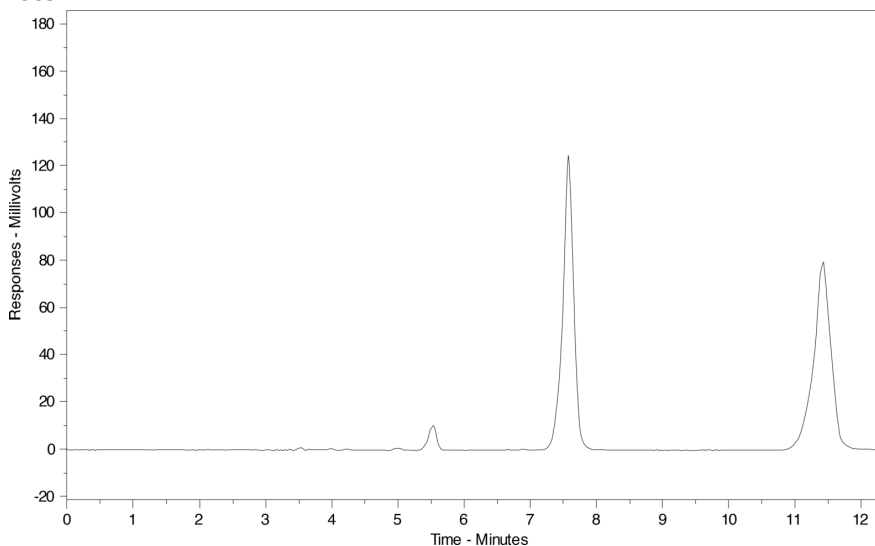
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Analyst Note:** This standard is used to test the following Chirex columns: Phases 3014, 3018, 3019, 3020 and 3022.



Products used in this application:

**CHIREX**



### ANALYTES:

- 1** (R)-(-)-N-(3,5-Dinitrobenzoyl)-alpha-methylbenzylamine  
Retention Time: 7.61 min
- 2** (S)-(+)-N-(3,5-Dinitrobenzoyl)-alpha-methylbenzylamine  
Retention Time: 11.44 min

