

# HPLC Application

ID No.: 23758

## Chiral Separation of Chlorthalidone on Lux 5u i-Cellulose-5

**Column:** Lux<sup>®</sup> 5 µm i-Cellulose-5, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4756-E0

**Elution Type:** Isocratic

**Eluent A:** 0.1% Ethylamine in MtBE

**Eluent B:** 0.1% Ethylamine in MeOH

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 96    | 4     |

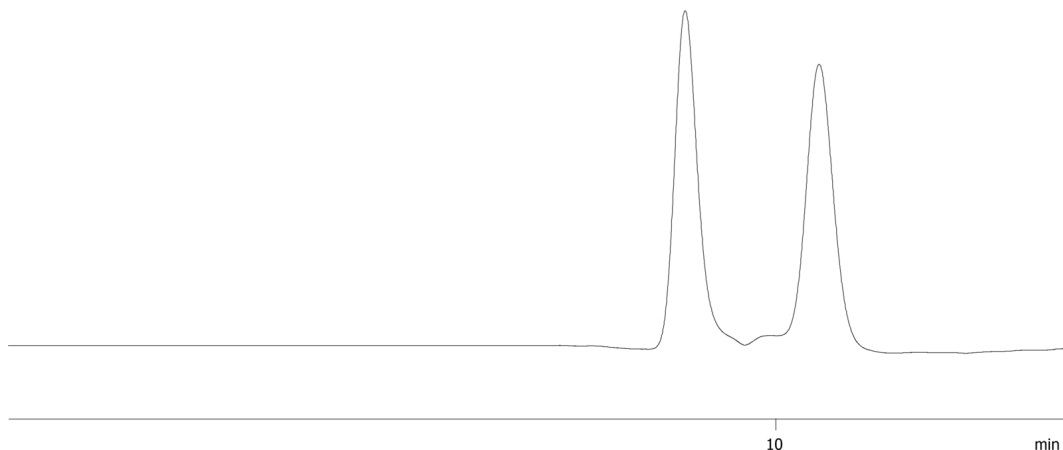
**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)  
23758



Products used in this application:



### ANALYTES:

- 1 Chlorthalidone  
Retention Time: 8.787 min
- 2 Chlorthalidone  
Retention Time: 10.564 min