

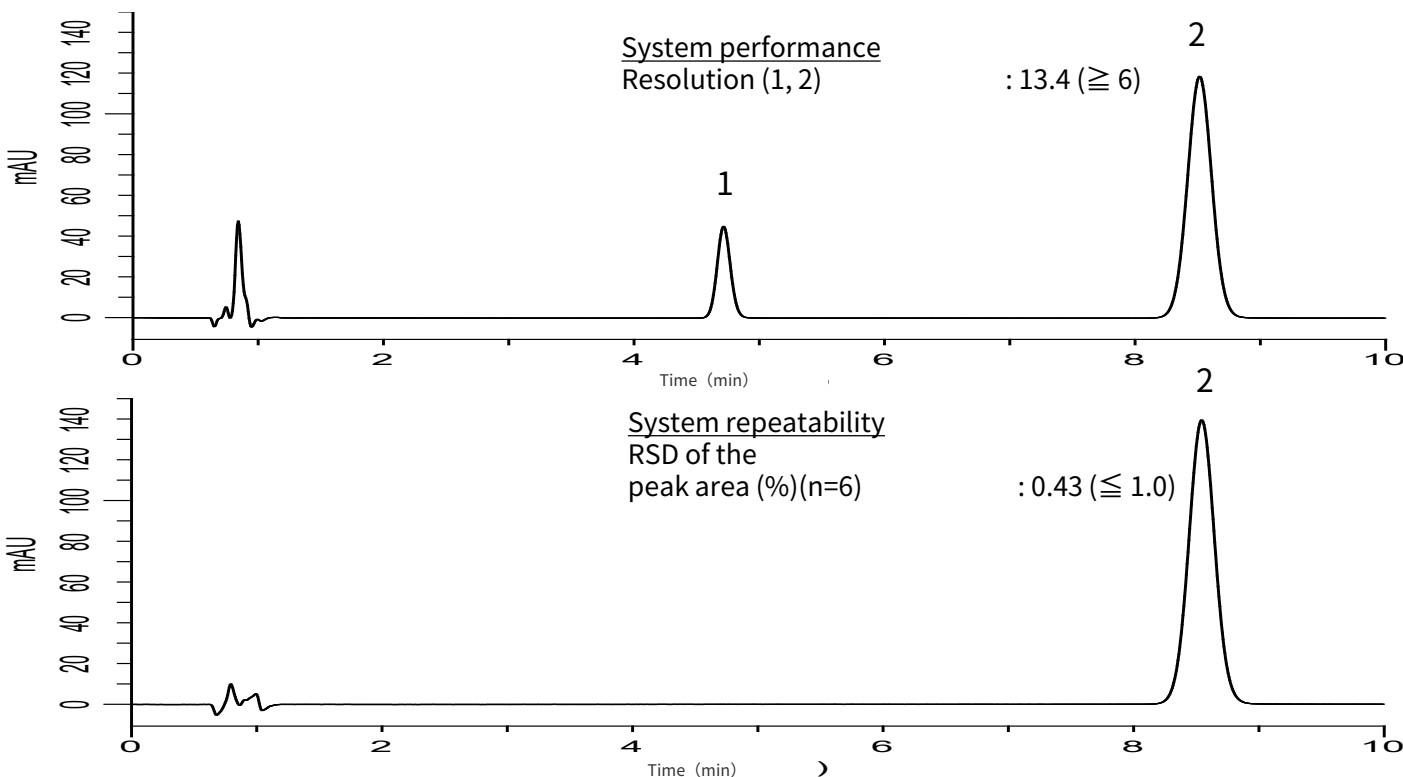
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Terbinafine hydrochloride

(Under the Condition of the Japanese Pharmacopoeia, Terbinafine hydrochloride Cream)

Data No. LB247-0919



### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustainSwift C18  
(5 μm, 125 x 4.0 mm I.D.)

**Column Cat. No.** : 5020-88251

**Eluent** : A) CH<sub>3</sub>CN  
B) THF  
C) Solition\*  
A/B = 2/1/2, v/v/v

**Flow Rate** : 1.46 mL/min

**Col. Temp.** : 25 °C

**Detection** : UV 282 nm (GL-7452 PDA Detector)

**Injection Vol.** : 10 μL

**Sample** : Standard

\*Dissolve 9 mL of Tetramethylammonium hydroxide (10 % in H<sub>2</sub>O) in 2000 mL of water.  
Adjust to pH 8.0 with phosphoric acid (1 in 25).

### Analyte:

1. *p*-Terphenyl 17.5 mg/L  
2. Terbinafine hydrochloride 200 mg/L