

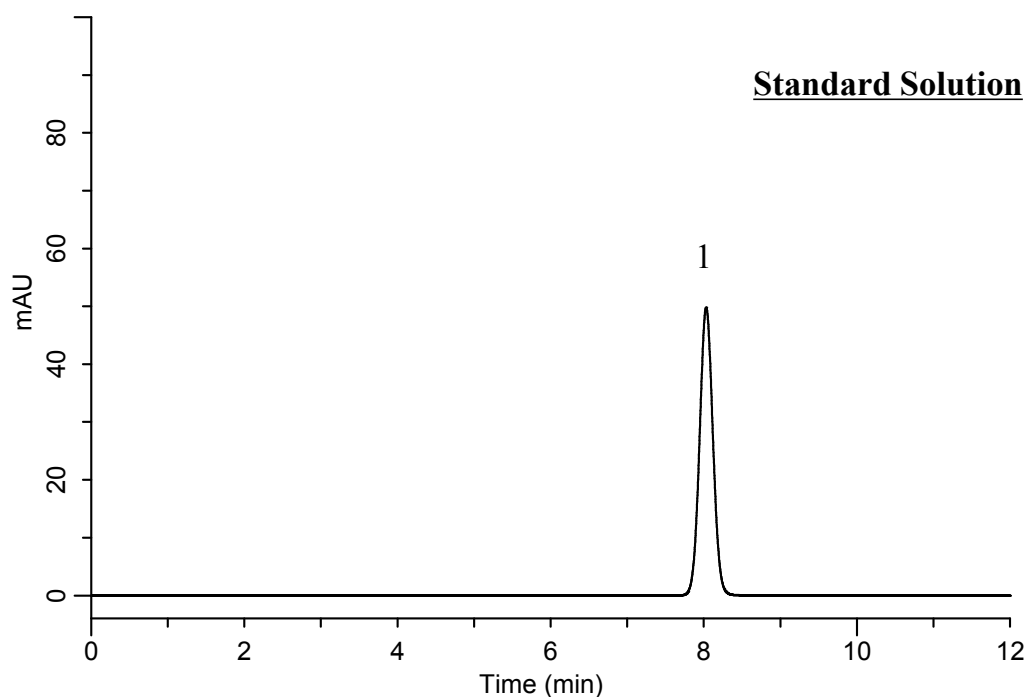
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Voriconazole

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB309-0894



### Conditions

**System** : GL7700 HPLC system  
**Column** : Inertsil WP300 C18  
(4  $\mu$  m, 150 x 3.9 mm I.D.)  
**Column Cat. No.** : 5020-89606  
**Eluent** : A) CH<sub>3</sub>CN  
B) CH<sub>3</sub>OH  
C) Buffer\*  
A/B/C = 15/30/55, v/v/v  
**Flow Rate** : 1.06 mL/min  
**Col. Temp.** : 35 °C  
**Detection** : UV 256 nm (UV7750 UV Detector)  
**Injection Vol.** : 20  $\mu$  L  
**Sample** : Standard  
\*Dissolve 1.9 g of ammonium formate in 1000 mL of water.  
Adjust pH 4.0 by formic acid.

### Analyte:

1. Voriconazole 25 mg/L

Theoretical plates : 10,112 ( $\geq$  3,500)  
Tailing factor : 1.04 ( $\leq$  1.7)  
RSD of the  
peak area (n=6) : 0.06 ( $\leq$  1.0)