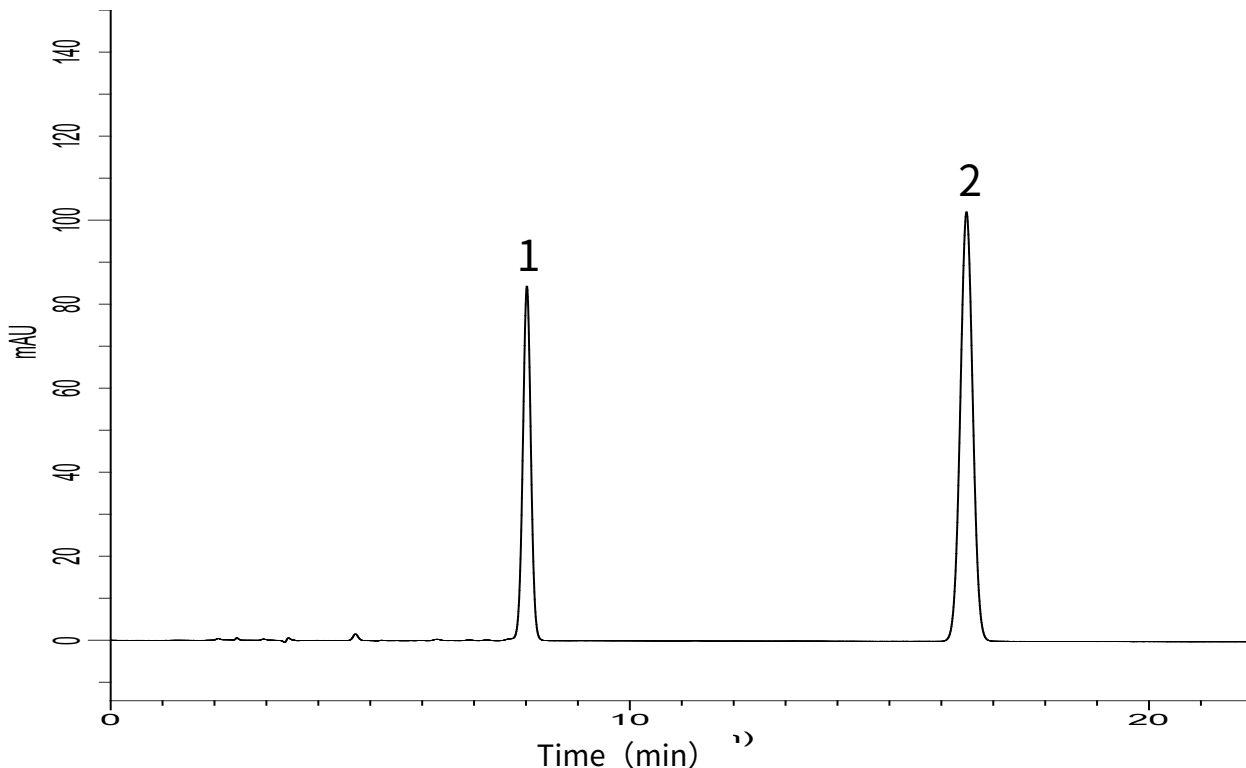


InertSearch™ for LC

Inertsil® Applications

Analysis of Clindamycin Phosphate (Under the Condition of Japanese Pharmacopoeia)

Data No. LA 664-811



Conditions

System : GL-7400 HPLC system
Column : Inertsil C8-4 (5 μ m, 250 x 4.0 mm I.D.)
Column Cat. No. : 5020-04076
Eluent : A) CH₃CN
 : B) 100 mM KH₂PO₄ (pH 2.5, H₃PO₄)
 : A/B = 225/775, v/v (Premix)

Flow rate : 0.9 mL/min
Col. Temp. : 25 °C
Detection : UV 210 nm (GL-7450 UV Detector)
Injection Vol. : 20 μ L
Sample : 1. Clindamycin Phosphate
 : 2. Methyl *p*-hydroxybenzoate

Analyte:

1. Clindamycin Phosphate (200 mg/L)
2. Methyl *p*-hydroxybenzoate (15 mg/L)

$R_s = 23.3 > 4$ (JP15)