

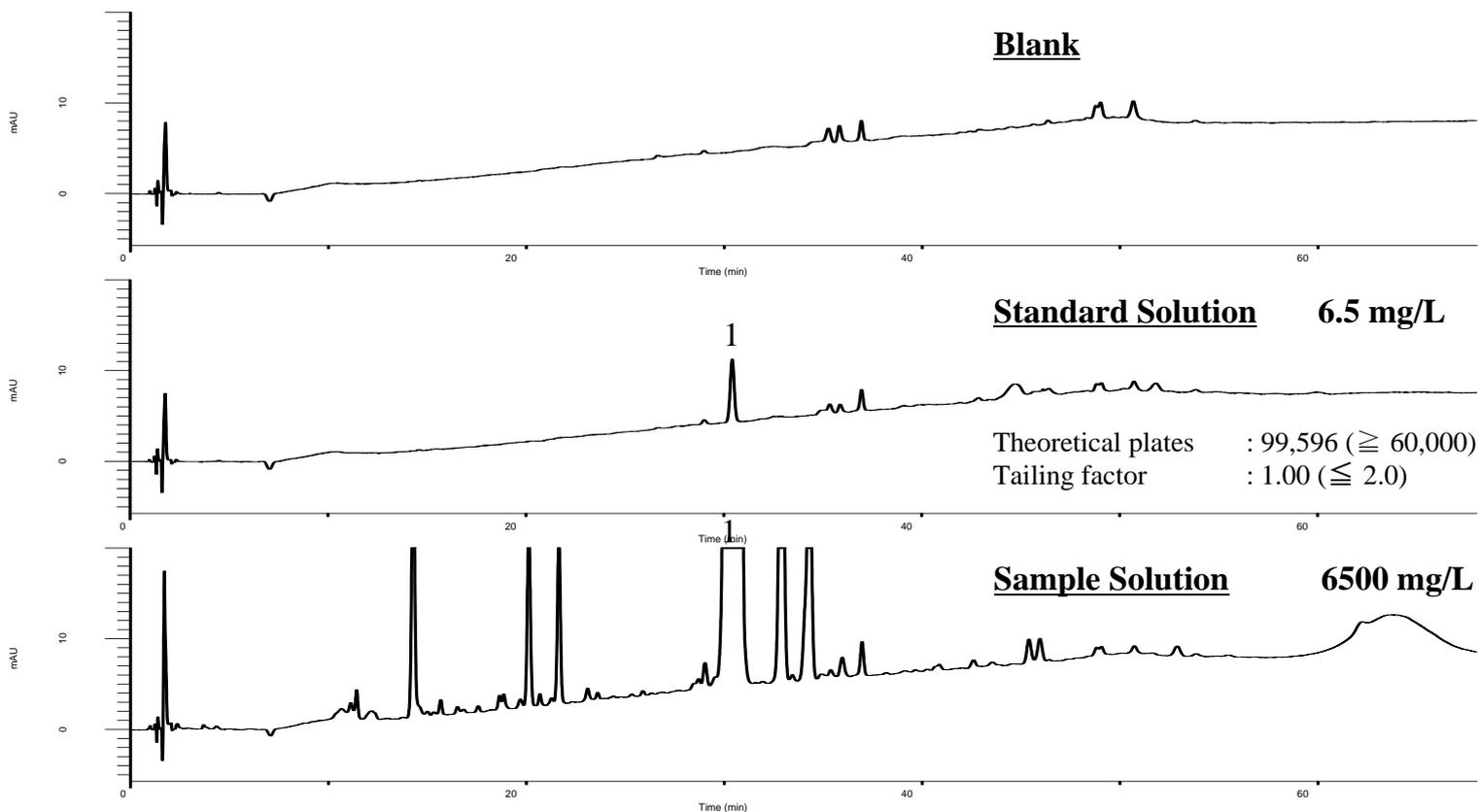
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Clopidogrel sulfate

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB157-0894



### Conditions

**System** : GL-7400 HPLC system

**Column** : InertSustain C18  
(5  $\mu$  m, 150 x 3.9 mm I.D.)

**Column Cat. No.** : 5020-87030

**Eluent** : A) 0.87 g/L IPCC-05 in H<sub>2</sub>O (pH 2.5, H<sub>3</sub>PO<sub>4</sub>)/CH<sub>3</sub>OH = 19/1, v/v  
(IPCC-05: Sodium 1-Pentanesulfonate)  
B) CH<sub>3</sub>CN/CH<sub>3</sub>OH = 19/1, v/v

### Analyte:

1. Clopidogrel sulfate

Time(min)	A(vol%)	B(vol%)
0~3	89.5	10.5
3~48	89.5→31.5	10.5→68.5
48~68	31.5	68.5

**Flow Rate** : 1.0 mL/min

**Col. Temp.** : 30 °C

**Detection** : UV 220 nm (GL-7452 PDA Detector)

**Injection Vol.** : 10  $\mu$  L

**Sample** : Standard