

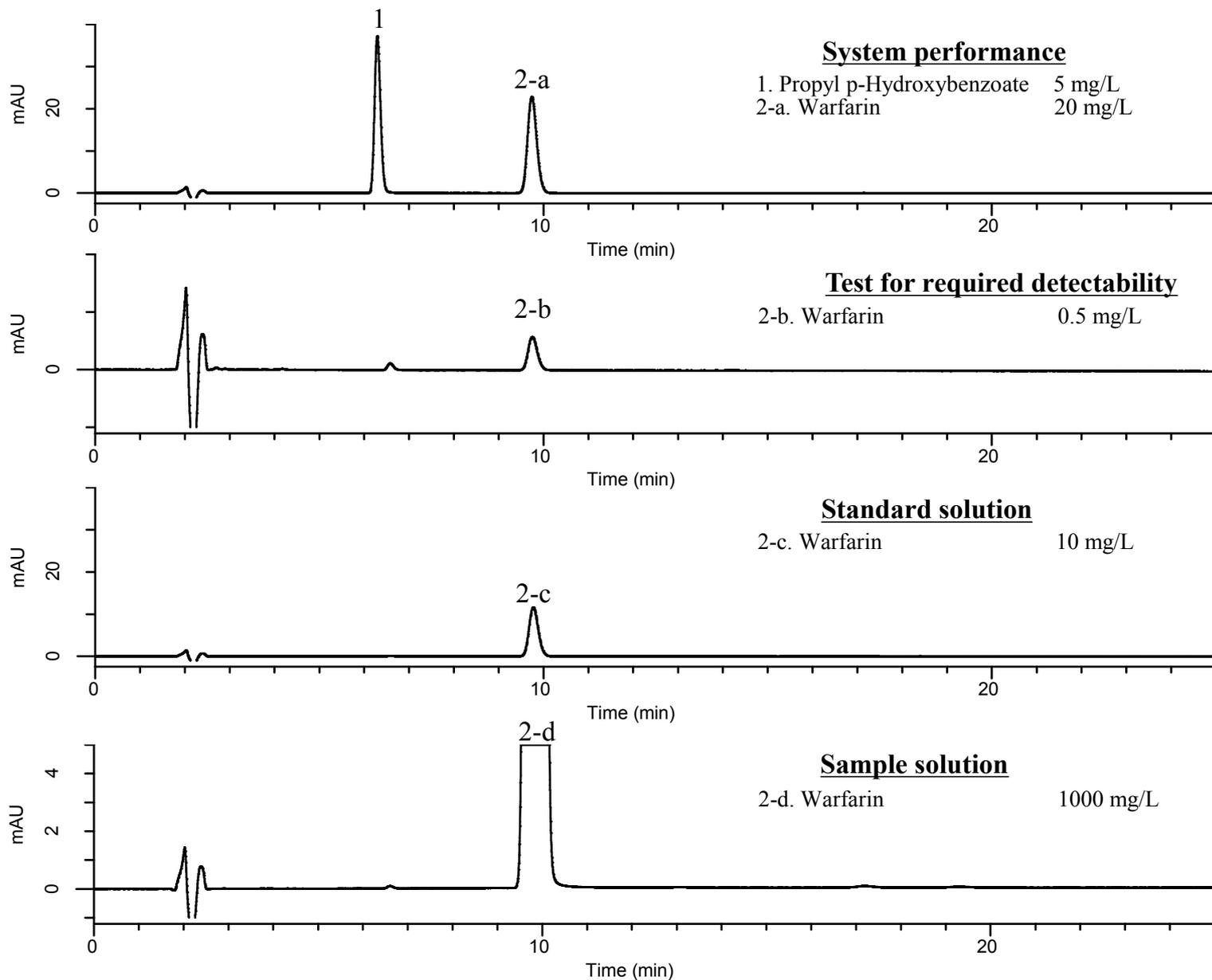
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Warfarin Potassium

(Under the Condition of the Japanese Pharmacopoeia 17th edition, (3) Related Substances)

Data No. LB503-0843



### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustain Cyano  
(5  $\mu$  m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89277  
**Eluent** : A) CH<sub>3</sub>CN  
B) H<sub>2</sub>O  
C) CH<sub>3</sub>COOH  
A/B/C = 32/68/1, v/v/v  
**Flow Rate** : 1.5 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 260 nm (PD7752 PDA Detector)  
**Injection Vol.** : 20  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Propyl p-Hydroxybenzoate  
2. Warfarin

Resolution (1, 2-a) : 11 ( $\geq$  7.0)  
Symmetry factor (2-a) : 1.1 ( $\leq$  1.5)  
The peak area ratio of 2-b to 2-c (%) : (3.5  $\leq$ ) 5.0 ( $\leq$  6.5)  
RSD of the 2-c area (%) (n = 6) : 0.04 ( $\leq$  2.0)