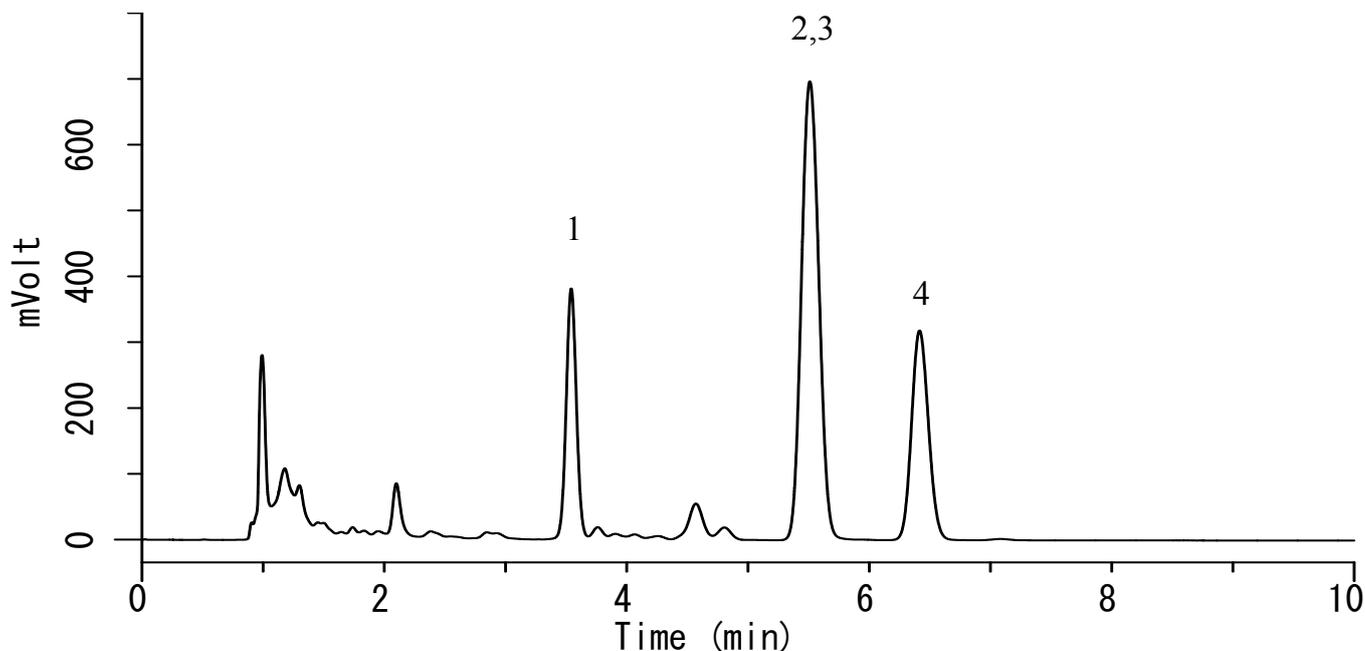


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Phytosterols (Inertsil ODS-SP)

Data No. LA867-0142



### Conditions

**System** : LC800 HPLC system  
**Column** : Inertsil ODS-SP HP (3 $\mu$ m, 150 x 2.1 mm I.D.)  
**Column Cat. No.** : 5020-14022  
**Eluent** : A) CH<sub>3</sub>CN  
          : B) H<sub>2</sub>O  
          : A/B = 95/5, v/v  
**Flow rate** : 0.4 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 205 nm (GL-7452A PDA Detector)  
**Injection Vol.** : 2  $\mu$ L  
**Sample** : Phytosterol

### Solutes:

|    |                     |           |
|----|---------------------|-----------|
| 1. | Ergosterol          | (1 mg/mL) |
| 2. | Campesterol         | (1 mg/mL) |
| 3. | Stigmasterol        | (1 mg/mL) |
| 4. | $\beta$ -Sitosterol | (1 mg/mL) |

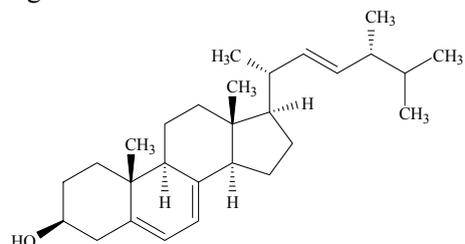
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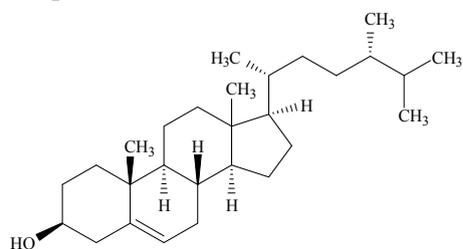
## Analysis of Phytosterol(Inertsil ODS-SP)

Data No. LA867-0142

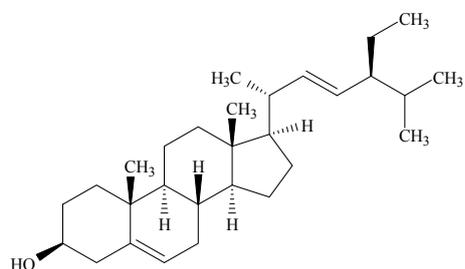
### 1. Ergosterol



### 2. Campesterol



### 3. Stigmasterol



### 4. β-Sitosterol

