

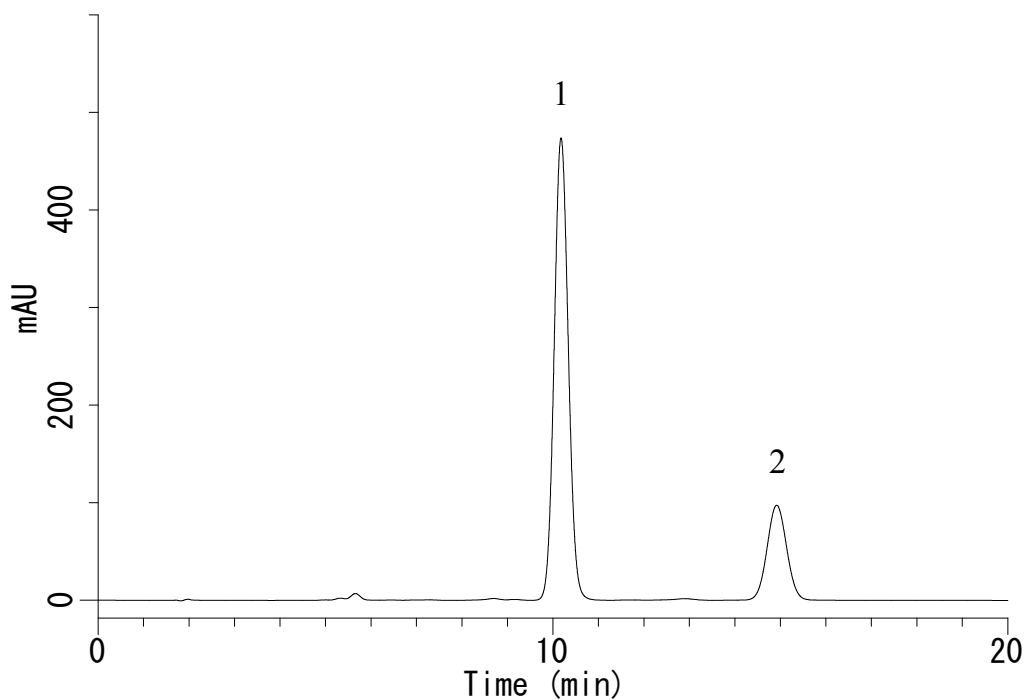
InertSearch™ for LC

Inertsil® Applications

Analysis of Tocopherol

(Under the Condition of the Japanese Pharmaceutical Codex)

Data No. LB224-0785



Conditions

System : GL7700 HPLC system
Column : InertSustain C18
(5 μ m, 150 x 4.0 mm I.D.)
Column Cat. No. : 5020-07335
Eluent : A) CH₃OH
B) H₂O
A/B = 98/2, v/v
Flow Rate : 0.74 mL/min
Col. Temp. : 30 °C
Detection : UV 292 nm (UV7750 UV Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. *d*- α -Tocopherol 1.0 mg/L
2. Tocopherol acetate 1.0 mg/L

Resolution (1, 2) : 7.07 (\geq 2.6)
RSD of the peak
height (n=6) : 0.05 (\leq 0.8)