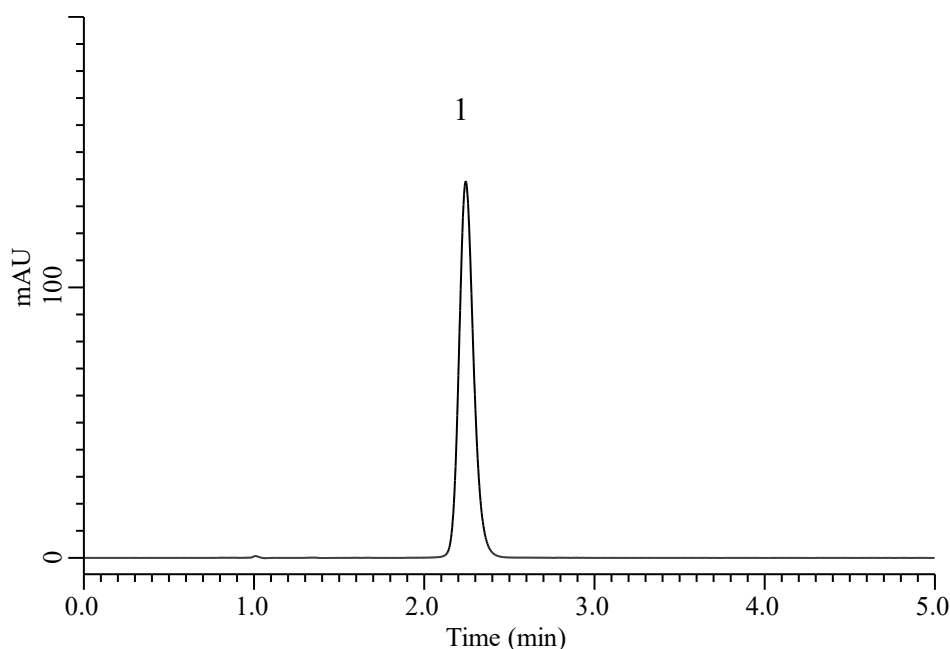


Analysis of Vitamin E

(Under the Condition of USP41-NF36, Oil- and Water-Soluble Vitamins Capsules_Vitamin E_Method 3)



Conditions

System : Chromaster PLUS (HITACHI)
Column : Inertsil WP300 C18 (GL Sciences Inc.)
 (10 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-90662
Eluent : A) CH₃OH
 B) CH₃CN
 C) *n*-Hexane
 A/B/C = 46.5/46.5/7.0, v/v/v
Flow Rate : 3.0 mL/min
Col. Temp. : 40 °C
Detection : UV 291 nm (Chromaster 5410 UV)
Injection Vol. : 20 μ L
Sample : Standard in CH₃OH

Analyte:

1. α -tocopherol 0.3 mg/mL

RSD of the peak area(%) (n=6) : 0.59 ($\leq$ 5.0)