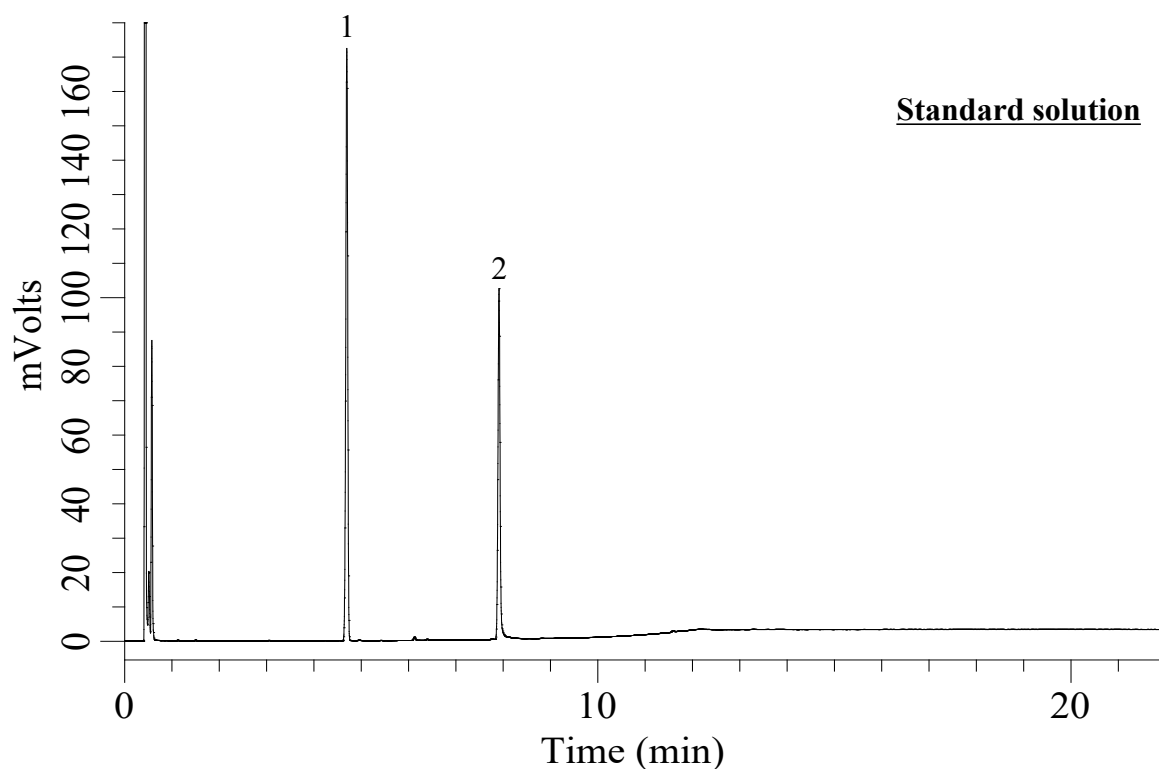


Analysis of Ethylcellulose Dispersion Type B (Under the Condition of the Draft for USP PF 50(5), Content of Dibutyl Sebacate and Oleic Acid)



Conditions

System : GC-4000 Plus /FID
Column : InertCap FFAP (GL Sciences Inc.)
 0.53 mm I.D. x 15 m df = 0.1 μm
Col. Cat.No. : 1010 -
Col. Temp. : 150 °C (2 min) - 10 °C/min -
 250°C (10 min)
Carrier Gas : He 5.0 mL/min, Constant flow
Injection : Split 1 : 10
 280 °C
Detection : FID Auto Range
 280 °C
Sample : Standard
Sample Size : 0.5 μL

Analyte

1. Dibutyl Sebacate	0.74 mg/mL
2. Oleic Acid	0.48 mg/mL

Suitability requirements

Resolution (1,2) : 42.5 (≥ 2.0)
 RSD of the peak area of 1 (%) (n=6) : 1.91
 (≤ 5.0)
 RSD of the peak area of 2 (%) (n=6) : 1.85
 (≤ 5.0)