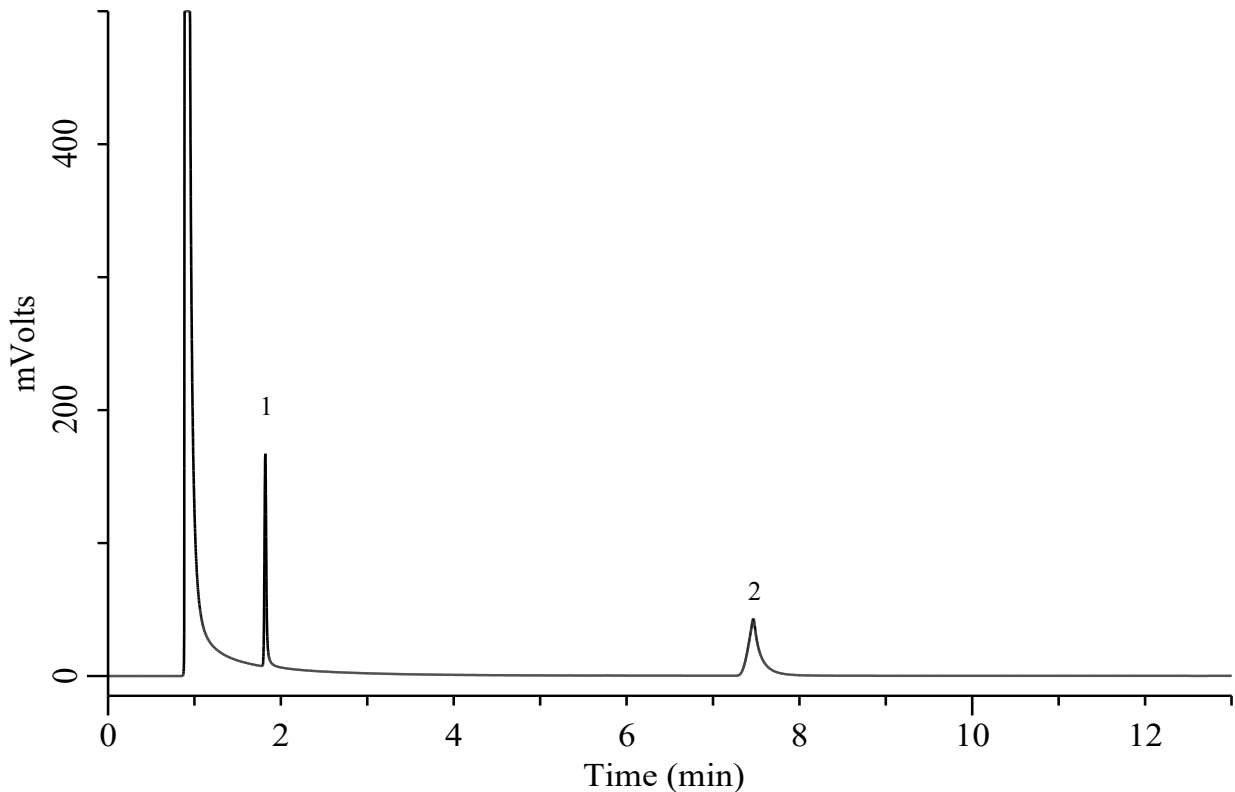


Analysis of Menthol (Under the Condition of the USP-NF, Menthol)



Conditions

System : GC-4000Plus/FID
Column : InertCap Pure-WAX
 0.18 mm I.D. x 20 m
 df = 0.18 µm
Col. Cat. No. : 1010-68031
Col. Temp. : 60 °C(0 min) - 20 °C/min
 - 110 °C(10 min)
Carrier Gas : H₂ 90 kPa
 Constant Press
Injection : Split 50:1
 250 °C
Detection : FID Auto Range
 260 °C
Sample Size : 0.5 µL
 10 mg/mL in
 Internal standard solution*

Analyte

1. 1-Butanol 10 mg/mL (I.S.)
 2. dl-Menthol 10 mg/mL (I.S.)

RSD of the peak ratio of 1 to 2 (‰)(n=6) : 0.51 (≤2.0)

*10 mg/mL of 1-butanol in hexan