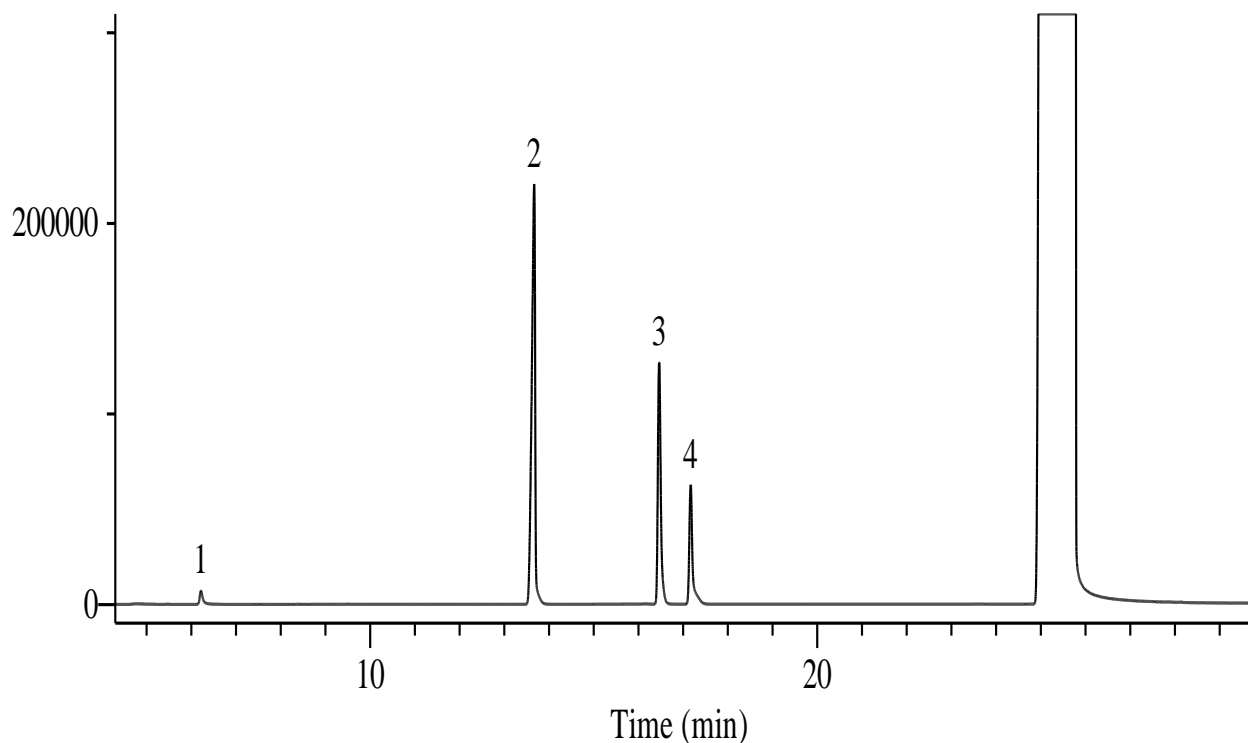


Purity test of Benzyl alcohol by Japanese Pharmacopoeia



Conditions

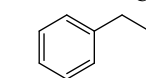
System : GC/FID
Column : InertCap WAX
 0.32 mm I.D. x 30 m df = 0.50 μ m
Col.Cat. No. : 1010-67244
Col. Temp. : 50 $^{\circ}$ C - 5 $^{\circ}$ C/min - 220 $^{\circ}$ C (35 min hold)
Carrier Gas : He 70 kPa
Injection : Splitless 1 min Vent flow 50 mL/min
 200 $^{\circ}$ C
Detection : FID Range 10^1
 310 $^{\circ}$ C
Sample Size : Analyte in Benzyl alcohol
 0.1 μ L

Analyte :

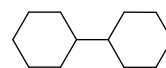
1. Ethylbenzene 0.1 mg/mL
 2. Bicyclohexyl 3.0 mg/mL
 3. Benzaldehyde 1.5 mg/mL
 4. Cyclohexanemethanol 1.0 mg/mL

*Standard mixture

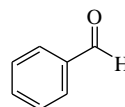
Chemical Structure



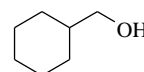
1. Ethylbenzene



2. Bicyclohexyl



3. Benzaldehyde



4. Cyclohexanemethanol