

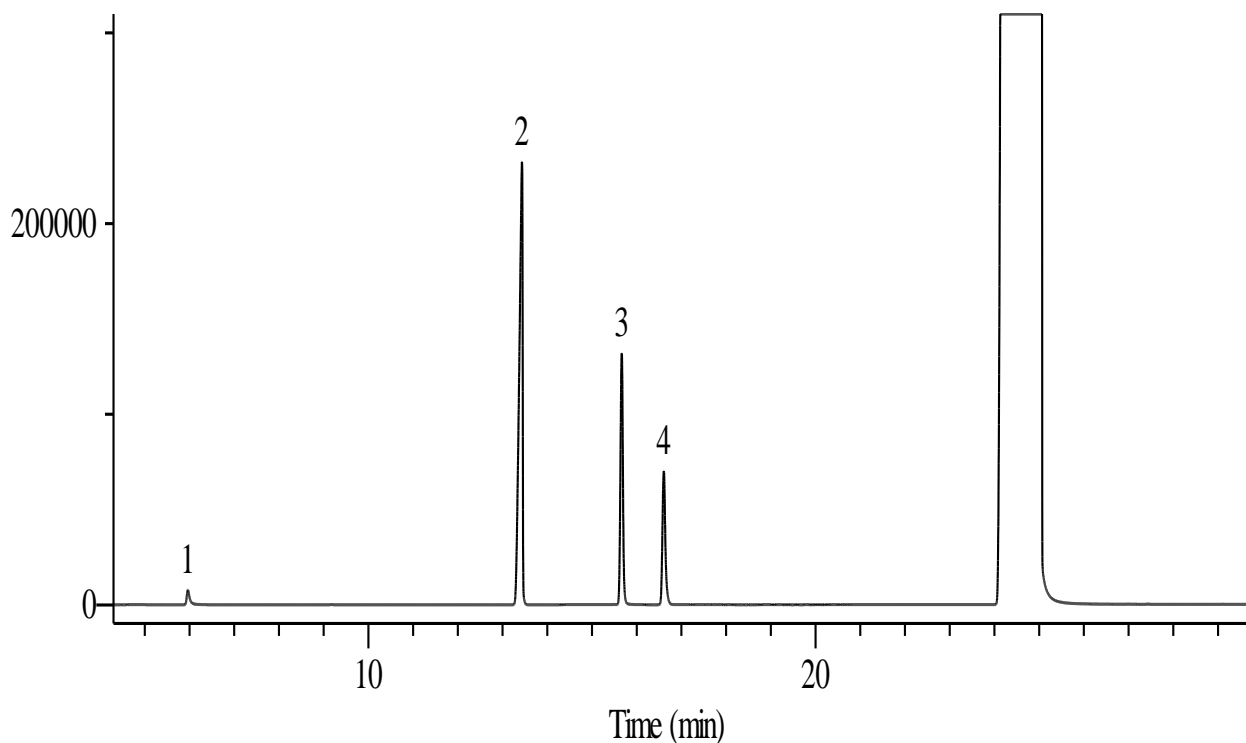
InertSearch™ for GC

InertCap® Applications

Purity test of Benzyl alcohol

by The Japanese Pharmacopoeia

Data No. GA120-0850



Conditions

System : GC/FID
Column : InertCap Pure-WAX
0.32 mm I.D. x 30 m df = 0.50 µm
Col. Temp. : 50 °C - 5 °C/min - 220 °C(35 min hold)
Carrier Gas : He 60 kPa
Injection : Splitless 1 min Vent flow 50 mL/min
200 °C
Detection : FID Range 10¹
310 °C
Sample Size : in Benzyl alcohol
0.1 µL

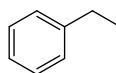
Analyte :

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

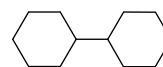
*Standard mixture

R(3-4) : 16.2 > 3.0(JP15)

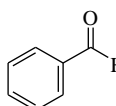
Chemical Structure



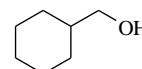
1. Ethylbenzene



2. Bicyclohexyl



3. Benzaldehyde



4. Cyclohexanemethanol

Structures are created using Chemistry 4-D Draw which is provided by ChemInnovation Software, Inc.