



Alcohols

Separation of alcohols on a wide-bore fused silica column

Application Note

Materials Testing & Research

Authors

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Introduction

Gas chromatography using an Agilent CP-Sil 5 CB column separates six alcohols in ten minutes.



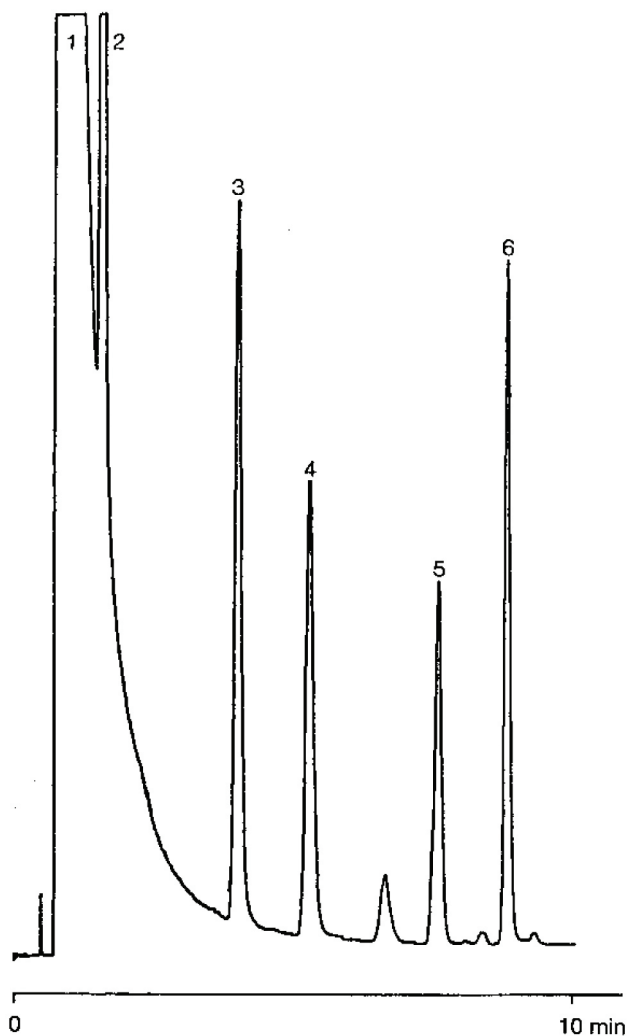
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Conditions

Technique : GC-capillary
Column : Agilent CP-Sil 5 CB, 0.53 mm x 10 m fused silica
WCOT CP-Sil 5 CB (5.0 μ m) (Part no. CP7645)
Temperature : 50 °C \rightarrow 200 °C, 5 °C/min
Carrier Gas : N₂, 10 kPa (0.1 bar), 52 cm/s
Injector : direct
T = 250 °C
Detector : FID, 100 x 10⁻¹² Afs
Sample Size : 0.2 μ L
Solvent Sample : methanol

Peak identification

1. methanol
2. allyl alcohol
3. methylisobutylcarbinol
4. methoxybutanol
5. methylcyclohexanol
6. benzyl alcohol



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This information is subject to change without notice.

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Printed in the USA

31 October, 2011

First published prior to 11 May, 2010

A00010



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