



# Trace solvents in absolute ethanol

## Application Note

BioPharma

### Authors

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### Introduction

Separation of trace impurities in ethanol in a pharmaceutical application uses gas chromatography with an Agilent FactorFour VF-1701ms column.



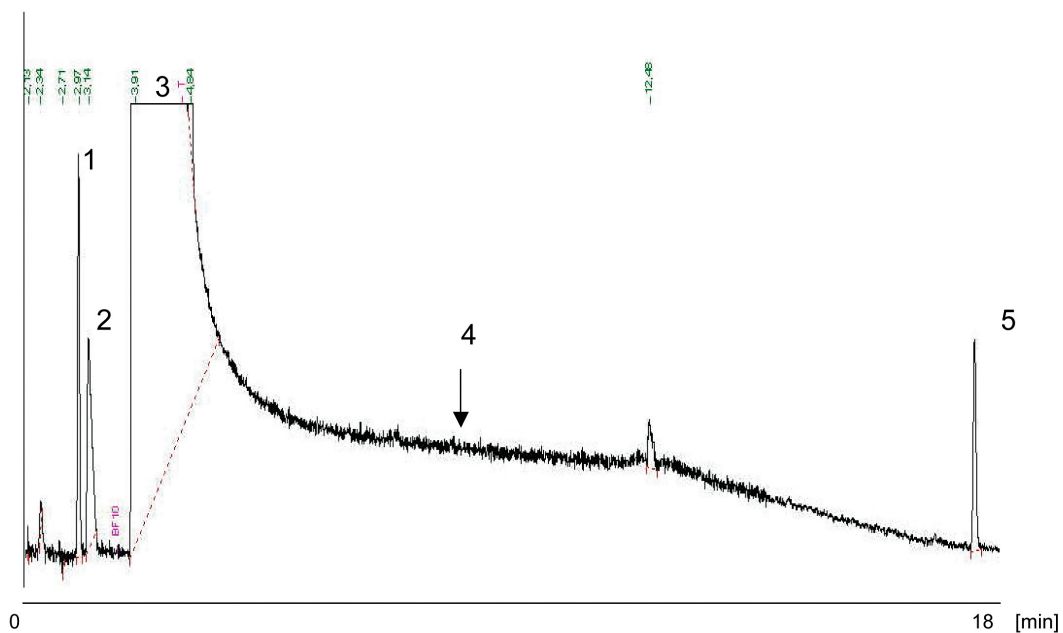
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## Conditions

Technique : GC-capillary  
Column : Agilent FactorFour VF-1701ms, 0.32 mm x 30 m  
fused silica (df = 1.0 µm) (Part no. CP9163)  
Temperature : 40 °C (12 min) → 240 °C, 10 °C/min  
Carrier Gas : Helium, 1 mL/min  
Injector : Split, 1:20,  
T = 200 °C  
Detector : FID  
T = 280 °C  
Sample : ppm in ethanol

## Peak identification

1. acetaldehyde
2. methanol
3. ethanol
4. benzene
5. 4-methyl-pentan-2-ol



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This information is subject to change without notice.

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