Alcohols, $\text{C}_2 - \text{C}_3$

Application Note

Materials Testing & Research

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Introduction
Gas chromatography with an Agilent PoraPLOT Q column determines 0.1% iso-propanol in ethanol in three minutes.
**Conditions**

Technique: GC-capillary  
Column: Agilent PoraPLOT Q, 0.2 mm x 10 m fused silica  
  WCOT PoraPLOT Q (10 µm) (Part no. CP7550)  
Temperature: 150 °C  
Carrier Gas: H₂, 70 kPa (0.7 bar, 10 psi)  
Injector: Splitter, 50 mL/min  
  T = 250 °C  
Detector: FID, 16 x 10⁻¹² Afs  
  T = 290 °C  
Sample Size: 0.1 µL  
Concentration range: 0.1%

**Peak identification**

1. ethanol  
2. iso-propanol

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This information is subject to change without notice.  
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