Solvents, C₃
Determination of water in acetone

Application Note

Materials Testing & Research

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Introduction
Gas chromatography with an Agilent PoraPLOT Q column separates water from acetone in six minutes.
Conditions

Technique: GC-capillary
Column: Agilent Pora-PLOT Q, 0.32 mm x 10 m fused silica
PoraPLOT Q (10 μm) (Part no. CP7550)
Temperature: 175 °C
Carrier Gas: H₂, 50 kPa (0.5 bar, 7 psi)
Injector: Splitter
Detector: μ TDC

Peak identification
1. water (1000 ppm)
2. acetone

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