Residual solvents

Application Note

Materials Testing & Research

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Introduction
Gas chromatography with an Agilent FactorFour VF-624ms GC column resolves residual solvents in 12 minutes.
**Conditions**

Technique: GC-Capillary  
Column: Agilent FactorFour VF-624ms, 0.32 mm x 30 m fused silica (df = 1.8 μm) (Part no. CP9104)  
Temperature: 40 °C (4min), 10 °C/min → 120 °C  
Carrier gas: Helium, ca.45 kPa  
Injection: Split, 50 ml/min, 1 μL,  
T = 180 °C  
Detector: FID  
T = 200 °C  
Sample Concentration: 12.7 μL ethanol and 1.7 μL toluene in 100 mL DMF

**Peak identification**

1. ethanol  
2. toluene  
3. DMF

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This information is subject to change without notice.  
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