Solvents, $C_2$

Analysis of water in ethanol

Application Note

Environmental

Authors
Agilent Technologies, Inc.

Introduction
Gas chromatography with an Agilent CP-PoraPLOT Q column identifies ethanol in water in five minutes.
**Conditions**

- **Technique**: GC - capillary
- **Column**: 0.32 mm x 10 m fused silica PoraPLOT Q (10 μm) (Part no. 7550)
- **Temperature**: 175 °C
- **Carrier Gas**: H₂, 40 kPa (0.4 bar, 5.8 psi)
- **Injector**: Splitter
- **Detector**: μ TCD
- **Concentration range**: 500 ppm

**Peak identification**

1. water
2. ethanol

www.agilent.com/chem

This information is subject to change without notice.
© Agilent Technologies, Inc. 2011
Printed in the USA
31 October, 2011
First published prior to 11 May, 2010
A00276