Solvents

Application Note

Materials Testing & Research

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Introduction
Gas chromatography with an Agilent CP-Sil 5 CB column and Agilent 490 Micro GC separates six solvents in less than two minutes.
Conditions

Technique: Micro-GC
Module: Agilent CP-Sil 5 CB, 4 m fused silica
Oven: 70 °C
Injector: non-heated; no backflush;
Injection time: 200 ms
Carrier gas: He, 100 kPa
Detector: micro-TCD

Peak identification

1. ethylacetate
2. n-hexane
3. cyclohexane
4. isooctane
5. aniline
6. toluene