



New

# Agilent J & W Ultra Inert Capillary GC Columns



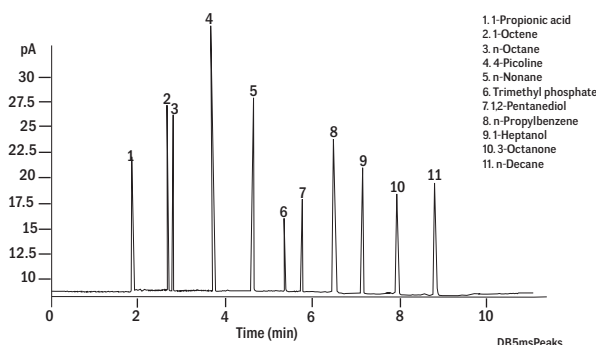
- Individually tested with a unique, demanding Über One test probe mixture
- Consistent column inertness performance
- Exceptionally low column bleed
- Great peak shapes for challenging active analytes
- Excellent signal-to-noise ratios
- Minimum compound adsorption or degradation
- Support of 0.18 mm ID column configuration for higher sample throughput

Agilent's Über One Test Probe Mixture

Column: DB-5ms Ultra Inert  
122-5532UI  
30 m x 0.25 mm, 0.25 µm

Agilent 6890N

Carrier: Hydrogen, constant pressure, 38 cm/s  
 Oven: 65°C isothermal  
 Sampler: Agilent 7683B, 0.5 µL syringe  
 (Agilent Part No. 5188-5246), 0.02 µL split injection  
 Injection: Split/splitless; 250°C, 1.4 mL/min; split column flow  
 900 mL/min; gas saver flow 75 mL/min at 2.0 min  
 Detector: FID at 325°C; 450 mL/min air; 40 mL/min hydrogen,  
 45 mL/min nitrogen makeup



A properly deactivated DB-5ms Ultra Inert Column delivers symmetrical peak shapes, along with increased peak heights, which allow for accurate integration and detection of trace analytes.

New

# Agilent J & W High Efficiency Capillary GC Columns



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- Consistent column inertness performance
- Exceptionally low column bleed
- Great peak shapes for challenging active analytes
- Excellent signal-to-noise ratios
- Minimum compound adsorption or degradation
- Support of 0.18 mm ID column configuration for higher sample throughput