

## Alcohols - NIOSH Methods 1400 -1403

**Column:** DB-1  
30 m x 0.32 mm I.D., 3.0  $\mu$ m

**J&W P/N:** 123-1034  
**Carrier:** Helium at 35 cm/sec,  
measured at 40°C

**Oven:** 40°C for 5 min  
40-160°C at 10°/min

**Injector:** Split 1:100, 250°C  
1  $\mu$ L of 5  $\mu$ g/ $\mu$ L standard in CS<sub>2</sub>

**Detector:** FID, 300°C  
Nitrogen makeup gas  
at 30 mL/min

1. *tert*-Butanol
2. Isopropanol
3. Ethanol
4. *sec*-Butanol
5. 1-Propanol
6. Isobutanol
7. Allyl alcohol  
(2-propen-1-ol)
8. 1-Butanol
9. 4-Methyl-2-pentanol
10. Methyl Cellosolve™  
(2-methoxyethanol)
11. Isoamyl alcohol  
(3-methyl-1-butanol)
12. Cellosolve  
(2-ethoxyethanol)
13. Diacetone alcohol  
(4-hydroxy-4-methyl-  
2-pentanone)
14. Butyl Cellosolve  
(2-butoxyethanol)
15. Cyclohexanol

