

Alcohols

Column: DB-PSWAX
30 m x 0.53 mm I.D., 1.0 µm
J&W P/N: 145-7032



Conditions and compounds for all chromatograms

Carrier: Helium at 30 cm/sec,
measured at 40°C
Oven: 40°C for 5 min
40-230°C at 10°/min
230°C for 3 min
Injector: Split 1:10, 250°C
1 µL of 0.01-0.05% each solvent in CS₂
Detector: FID, 300°C
Nitrogen makeup gas at 30 mL/min

1. Methanol
2. Ethanol
3. Isopropanol
4. *tert*-Butanol
5. 2-Propen-1-ol (allyl alcohol)
6. 1-Propanol
7. 2-Propyn-1-ol (propargyl alcohol)
8. *sec*-Butanol
9. 2-Methyl-3-buten-2-ol
10. Isobutanol
11. 2-Methoxyethanol (methyl Cellosolve)
12. 3-Buten-1-ol
13. 2-Methyl-2-butanol (*tert*-amyl alcohol)
14. 1-Butanol
15. 2-Buten-1-ol (crotyl alcohol)
16. Ethylene glycol
17. 1-Penten-3-ol
18. 2-Pentanol
19. Glycidol
20. 3-Pentanol
21. 2-Ethoxyethanol (Cellosolve)
22. Propylene glycol
23. 3-Methyl-1-butanol (isoamyl alcohol)
24. 2-Methyl-1-butanol (active amyl alcohol)
25. 4-Methyl-2-pentanol
26. 1-Pentanol
27. 2-Penten-1-ol
28. 3-Methyl-2-buten-1-ol
29. Cyclopentanol
30. 3-Hexanol
31. 2-Hexanol
32. 4-Hydroxy-4-methyl-2-pentanone
33. Furfuryl alcohol
34. *cis*-3-Hexen-1-ol
35. 1-Hexanol
36. *cis*-2-Hexen-1-ol
37. Cyclohexanol
38. 3-Heptanol
39. 2-Heptanol
40. 2-Butoxyethanol (butyl Cellosolve)
41. *cis*-4-Hepten-1-ol
42. *trans*-2-Hepten-1-ol
43. 1-Heptanol
44. Benzyl alcohol
45. 2-Ethyl-1-hexanol
46. α -Methylphenyl alcohol
47. 1-Octanol
48. 1-Nonanol
49. 2-Phenoxyethanol
50. α -Ethylphenethyl alcohol
51. β -Ethylphenethyl alcohol
52. 1-Decanol

