

Ethers

Column: DB-PS624
30 m x 0.53 mm I.D., 3.0 µm

J&W P/N: 145-1334

Carrier: Helium at 30 cm/sec,
measured at 40°C

Oven: 40°C for 5 min
40-260°C at 10°/min
260°C for 3 min

Injector: Split 1:10, 250°C

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

1. Furan
2. Ethyl vinyl ether
3. Ethyl ether
4. 1,3-Dioxolane
5. Methyl-*tert*-butyl ether (MTBE)
6. Allyl ethyl ether
7. Isopropyl ether
8. Tetrahydrofuran (THF)
9. *tert*-Butyl ethyl ether
10. Butyl methyl ether
11. Glyme (propylene glycol dimethyl ether)
12. *tert*-Amyl methyl ether
13. Diglyme (diethylene glycol dimethyl ether)
14. Propyl ether
15. Allyl ether
16. 1,4-Dioxane
17. Butyl ethyl ether
18. Epichlorohydrin
19. Tetrahydropyran
20. Acetal (acetaldehyde diethyl acetal)
21. Butyl ether
22. Pentyl ether
23. Triglyme (triethylene glycol dimethyl ether)
24. Benzyl ether

