

Peppermint Oil

Column: DB-WAX

60 m x 0.25 mm I.D., 0.25 µm

J&W P/N: 122-7062

Carrier: Helium at 25 cm/sec (0.73 mL/min)

Oven: 75°C for 8 min

75-200°C at 4°/min

200°C for 5 min

Injector: Split 1:150, 270°C

1 µL neat

Detector: FID, 270°C

Nitrogen makeup gas at 30 mL/min

- | | |
|----------------------------|---------------------|
| 1. α-Pinene | 16. Menthofuran |
| 2. β-Pinene | 17. α-Isomenthone |
| 3. Sabinene | 18. β-Bourbonene |
| 4. Myrcene | 19. Linalool |
| 5. α-Terpinene | 20. Menthyl acetate |
| 6. l-Limonene | 21. Neomenthol |
| 7. 1,8-Cineol | 22. Terpinen-4-ol |
| 8. cis-Occimene | 23. β-Caryophyllene |
| 9. γ-Terpinene | 24. l-Menthol |
| 10. p-Cymene | 25. Pulegone |
| 11. Terpinolene | 26. α-Terpineol |
| 12. 3-Octanol | 27. Germacrene-D |
| 13. l-Octen-3-ol | 28. Piperitone |
| 14. trans-Sabinene hydrate | 29. Viridiflorol |
| 15. l-Menthone | |

Thanks to:
Mr. William Faas of A.M. Todd Company for
providing the sample and assisting with peak
identification.

