

## Spearmint Oil (Western)

**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. β-Bourbonene        |
| 2. β-Pinene                | 17. Linalool            |
| 3. Sabinene                | 18. Terpinen-4-ol       |
| 4. Myrcene                 | 19. β-Caryophyllene     |
| 5. α-Terpinene             | 20. Dihydrocarvone      |
| 6. l-Limonene              | 21. trans-Dihydrocarvyl |
| 7. 1,8-Cineol              | 22. trans-β-Farnesene   |
| 8. cis-Ocimene             | 23. α-Terpineol         |
| 9. γ-Terpinene             | 24. Germacrene-D        |
| 10. p-Cymene               | 25. l-Carvone           |
| 11. Terpinolene            | 26. cis-Carvyl acetate  |
| 12. 3-Octyl acetate        | 27. trans-Carveol       |
| 13. 3-Octanol              | 28. cis-Carveol         |
| 14. trans-Sabinene hydrate | 29. cis-Jasmone         |
| 15. l-Menthone             | 30. Viridiflorol        |

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