

# Lime Oil (Distilled)

**Column:** DB-5  
60 m x 0.25 mm I.D., 0.25 µm  
**J&W P/N:** 122-5062  
**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. Borneol                     |
| 2. Camphene           | 17. Terpinen-4-ol               |
| 3. β-Pinene           | 18. α-Terpineol                 |
| 4. Myrcene            | 19. γ-Terpineol                 |
| 5. α-Phellandrene     | 20. Decanal                     |
| 6. 1,4-Cineol         | 21. Neral                       |
| 7. α-Terpinene        | 22. Geranial                    |
| 8. p-Cymene           | 23. Neryl acetate               |
| 9. α-Limonene         | 24. Geranyl acetate             |
| 10. γ-Terpinene       | 25. Dodecanal                   |
| 11. Terpinolene       | 26. β-Caryophyllene             |
| 12. Linalool          | 27. <i>trans</i> -α-Bergamotene |
| 13. α-Fenchyl alcohol | 28. <i>trans</i> -α-Farnesene   |
| 14. Terpinen-1-ol     | 29. β-Bisabolene                |
| 15. β-Terpineol       |                                 |

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