Analysis of Ylang Oil using Agilent J&W FactorFour VF-WAXms GC Columns

Application Note

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**Conditions**
- Technique: GC-FID
- Sample: Ylang oil, 0.1 % (acetone)
- Sample Size: 1.0 µL
- Column: VF-WAXms 30 m x 0.25 mm df = 0.25 µm (part number CP9205)
- Carrier Gas: Helium, 1.0 bar
- Injector: 250 °C, split 75 mL/min
- Temperature: 100 °C to 260 °C with 7 °C/min
- Detection: 275 °C, FID

**Peak Identification:**
1. Benzene, 1-methoxy-4-methyl-
2. a-Copaene
3. Linalool
4. b-Caryophyllene
5. Methyl benzoate
6. Benzyl acetate
7. a-Farnesene
8. Geranyl acetate
9. Benzyl benzoate
10. Benzyl salicylate

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Published in UK, October 08, 2010
SI-00945