

Certification of analysis

1. PRODUCT IDENTIFICATION AND COMPOSITION

1.1 Product Name: Ylang Ylang 1st Grade oil

1.2 Botanical Name: Cananga odorata

1.3 Batch no.:244826

TEST SPECIFICATION RESULT

2. PHYSICAL AND CHEMICAL PROPERTIES

2.1 Appearance: Pale yellow to yellow , Conforms

2.2 Odour: Characteristic Conforms

2.3 Specific Gravity: 0.9300 to 0.9750 @ 20° C Conforms

2.4 Refractive Index: 1.480 to 1.5400 @ 20° C Conforms

CONSTITUENT SPECIFICATION RESULT

3. GAS CHROMATOGRAPH ANALYSIS

Prenyl acetate 0.67

Alpha-pinene 0.39

Beta-pinene 0.14

Myrcene 0.32

p-methyl anisole 9.93

1,8-cineole 0.48

Methyl benzoate 4.78

Linalool 20.06

Benzyl acetate 5.72

Methyl chavicol 0.25

Geraniol 2.87

Neryl acetate 1.02

Alpha-copaene 0.44 G

eranyl acetate 12.96

Beta-caryophyllene 7.43

Trans-cinnamyl acetate 0.92

Alpha-humulene 2.20

Gamma-murolene 0.61

germacreneD 10.74

cis-gamma-bisabolene 0.39

(E,E)-alpha-farnesene 4.32

Gamma-cadinene 0.46

Delta-cadinene 1.69

Epi-alpha-cadinol 0.58

Alpha-cadinol 0.83

(E,E)-farnesol 1.11

Benzyl benzoate 5.53

(E,E)-farnesyl acetate 0.76

Benzyl salicylate 1.26

Note(1)Analytical conditions:GC Columns:Rxi-5SI 1 MS, Length:30.0m, Inside
Diameter:0.25mm,
Thickness:0.25

Mass Spectrometer: Detector Type:Quadropole Ms, Ion Source:EI, Ion Source Temp:200.0C
Oven Temp Program:Rate:5.0Temperature(Degree):50.0-270.0