

# Certification of analysis

## 1. PRODUCT IDENTIFICATION AND COMPOSITION

1.1 Product Name: Lavandin Abrialis

1.2 Botanical Name: angustifolia Miller x latifolia

## TEST SPECIFICATION RESULT

## 2. PHYSICAL AND CHEMICAL PROPERTIES

2.1 Appearance: Clear, colourless to pale yellow liquid

2.2 Odour: Characteristic

2.3 Specific Gravity: 0.8700 to 1.1010 @ 20°C Conforms

2.4 Refractive Index: 1.4400 to 1.4900 @ 20°C Conforms

## CONSTITUENT SPECIFICATION RESULT 4.

### GAS CHROMATOGRAPH ANALYSIS

	Result(%)
Alpha-pinene	2.13
Beta-pinene	1.50
Para-cymene	1.36
Limonene	3.23
Eucalyptol	6.73
Linalool	27.06
Camphor	9.89
Isoborneol	2.22
Borneol	4.22
Alpha-terpineol	3.32
Linalyl acetate	19.61
Alpha-terpinyl acetate	2.43
Neryl acetate	2.22
(E)-Caryophyllene	3.97

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: 5.0 Temperature (Degree): 50.0-270.0