

Certification of analysis

1. PRODUCT IDENTIFICATION AND COMPOSITION

1.1 Product Name: Lavender True

1.2 Botanical Name: *Lavandula angustifolia*

TEST SPECIFICATION RESULT

2. PHYSICAL AND CHEMICAL PROPERTIES

2.1 Appearance: Clear, pale yellow to yellow liquid Conforms

2.2 Odour: Characteristic Conforms

2.3 Specific Gravity: 0.8750 to 0.8950 @ 20°C Conforms

2.4 Refractive Index: 1.4550 to 1.4700 @ 20°C Conforms

CONSTITUENT SPECIFICATION RESULT

3. GAS CHROMATOGRAPH ANALYSIS		Results
1,8-cineole:	Max:6	5.55%
Limonene:	Max:6	3.27%
Linalool:	20-45	23.68%
Camphor:	Max1.4	0.86%
Terpinen-4-ol:	0.1-6.0	0.29%
Alpha-terpineol:	Trace to 7	3.17%
Linalyl acetate:	25-46	44.86%

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