

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

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