

Certification of analysis

1. PRODUCT IDENTIFICATION AND COMPOSITION

1.1 Product Name: Grapefruit Pink Oil

1.2 Botanical Name: Citrus Paradisi

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: 0.8400 to 0.8650 @ 20° C Conforms

2.4 Refractive Index: 1.4650 to 1.4850 @ 20° C Conforms

CONSTITUENT SPECIFICATION RESULT

3. GAS CHROMATOGRAPH ANALYSIS

Sample: Citrus Paradisi Result(%)

b-Myrcene Trace to 2.5 1.98

d-Limonene 92-98 93.72

Nootkatone Trace to 0.4 0.14

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

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Quality Assurance Department