

Certification of analysis

1. PRODUCT IDENTIFICATION AND COMPOSITION

1.1 Product Name: Rose Geranium Oil

1.2 Botanical Name: Pelargonium x asperum TEST SPECIFICATION RESULT

2. PHYSICAL AND CHEMICAL PROPERTIES

2.1 Appearance: Clear, mobile liquid Conforms

2.2 Odour: Characteristic rose Conforms

2.3 Specific Gravity: 0.9250-0.9850@ 20° C conforms

2.4 Refractive Index: 1.4900-1.5000@ 20° C conforms

CONSTITUENT SPECIFICATION RESULT

3. GAS CHROMATOGRAPH ANALYSIS

Sample: Pelargonium x asperum Result(%)

Citronellol 12-21 14.65

Geraniol 10-18 16.31

Geranyl acetate Trace to 5 3.80

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

Yen Le

Quality Assurance Department