

Certification of analysis

2. PRODUCT IDENTIFICATION AND COMPOSITION

2.1 Product Name: Rose Geranium Essential Oil

2.2 Botanical Name: *Pelargonium x asperum*

2.3 Country of Origin: Europe

TEST SPECIFICATION RESULT

3. PHYSICAL AND CHEMICAL PROPERTIES

3.1 Appearance: Clear, pale yellow to yellow-green to olive green liquid Conforms

3.2 Odour: Characteristic Conforms

3.3 Specific Gravity: 0.870 to 0.980 @ 20°C Conforms

3.4 Refractive Index: 1.4580 to 1.5200 @ 20°C Conforms

CONSTITUENT SPECIFICATION RESULT

4. GAS CHROMATOGRAPH ANALYSIS

Phenyl ethyl alcohol 70 to 80%

Citronellol 10 to 20%

Geraniol 10 to 20%

Geranium Oil Egyptian 1 to 10%

Geranyl acetate 0.1 to 1%