



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Product Information	Details
Product Name	Geranium Essential Oil
Botanical Name	<i>Pelargonium graveolens</i> L'Hér.
INCI Name	Pelargonium Graveolens Oil
CAS Number	8000-46-2
EC Number	290-140-0
Country of Origin	Egypt
Plant Part	Leaves and flowering aerial parts
Extraction Method	Steam distillation
Product Type	100% pure and natural essential oil
Issue Date	17 July 2026

ANALYTICAL SPECIFICATION

Parameter	Specification	Representative Result
Appearance	Clear, mobile liquid	Complies
Colour	Pale yellow to yellow-green	Pale yellow-green
Odour	Fresh, rosy, green, herbaceous and slightly minty	Characteristic
Relative Density at 20 °C	0.880–0.910	0.895
Refractive Index at 20 °C	1.461–1.475	1.469
Optical Rotation at 20 °C	–16.0° to –5.0°	–10.2°
Flash Point	Minimum 70 °C	78 °C
Solubility in Water	Insoluble	Complies
Solubility in Alcohol	Soluble or dispersible	Complies
Added Solvents or Carrier	Not permitted	Not detected



Oils

Purity

100% pure essential oil

Complies

REPRESENTATIVE COMPOSITION

Constituent	Indicative Content
Citronellol	20–45%
Geraniol	10–25%
Citronellyl Formate	5–15%
Isomenthone	4–12%
Linalool	3–12%
Geranyl Formate	2–8%
Other naturally occurring constituents	Balance

CONCLUSION

THE REPRESENTATIVE MATERIAL COMPLIES WITH THE ABOVE SPECIFICATIONS

Store tightly closed in a cool, dry and well-ventilated place, protected from heat, light and prolonged air exposure.

The values shown are representative and do not replace a batch-specific Certificate of Analysis or GC–MS report.

Authorised by:

Fozia Khot

Director