



CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology Trading LLC
G05 Al Ghazal Building, Nadd Al Hamar
Dubai, United Arab Emirates

Product Information

Parameter	Details
Product Name	Geranyl Acetate
Chemical Name	Geranyl Acetate
CAS Number	105-87-3
EC Number	203-341-5
FEMA Number	2509
Molecular Formula	$C_{12}H_{20}O_2$
Molecular Weight	196.29 g/mol
Intended Use	Perfumery Raw Material
Batch Number	GA26063001
Manufacturing Date	21 May 2026
Retest Date	21 May 2028
Issue Date	30 June 2026

Analytical Specifications

Test	Specification	Result
Appearance	Clear, colourless to pale yellow liquid	Complies
Odour	Sweet, floral, rosy, fruity characteristic	Complies
Identification (GC)	Conforms to reference standard	Pass
Assay (GC)	$\geq 98.0\%$	99.3%
Specific Gravity (20 °C)	0.909 – 0.916	0.913
Refractive Index (20 °C)	1.4600 – 1.4650	1.4624
Acid Value	≤ 1.0 mg KOH/g	0.18 mg KOH/g
Colour (APHA)	≤ 100	18
Water Content (Karl Fischer)	$\leq 0.20\%$	0.05%
Solubility	Soluble in ethanol and perfume solvents	Complies

Conclusion



Based on the analytical results obtained, the above material complies with the established quality specifications for Geranyl Acetate and is suitable for use as a fragrance ingredient in perfume manufacture.

Storage Conditions

Store in tightly closed original containers in a cool, dry, well-ventilated place away from heat, direct sunlight, moisture, and strong oxidizing agents.

Shelf Life

24 months from the date of manufacture when stored under the recommended conditions.

Authorized by

Fozia Khot
Director
Aromology Trading LLC