



CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology

Product Name: Nerolidol Natural

Chemical Name: Nerolidol (Natural)

UPAC Name: 3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol

CAS Number: 7212-44-4

EC Number: 230-597-5

FEMA Number: 2772

Product Type: Natural Aroma Chemical (Sesquiterpene Alcohol)

Country of Origin: Brazil

1. Product Information

Parameter	Details
Product Name	Nerolidol Natural
Chemical Name	Nerolidol (Natural)
IUPAC Name	3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol
CAS Number	7212-44-4
EC Number	230-597-5
FEMA Number	2772
Product Type	Natural Aroma Chemical (Sesquiterpene Alcohol)
Intended Use	Perfumery, Cosmetics, Aromatics
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Soft woody, floral, fresh bark, green, slightly citrus	Conforms
Solubility	Insoluble in water; soluble in ethanol and perfumery solvents	Conforms

3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Assay (GC)	≥95.0%	Conforms
Relative Density @20 °C	0.870 – 0.885	Conforms
Refractive Index @20 °C	1.4850 – 1.4920	Conforms
Optical Rotation	-5° to +5°	Conforms



Parameter	Typical Range	Result
Flash Point	Approximately 100°C	Conforms

4. Typical Composition

Constituent	Typical Range (%)
Nerolidol	≥95.0
Farnesol	≤2.0
Other Naturally Occurring Sesquiterpenes	≤3.0

Minor variations may occur depending on botanical source, harvest season and production batch.

5. Quality Assessment

Quality Parameter	Result
Identity Verified	PASS
Organoleptic Evaluation	PASS
Assay by GC	PASS
Natural Origin Verified	PASS
Suitable for Perfumery Use	PASS

6. Storage Conditions

Parameter	Recommendation
Storage Temperature	Store below 25°C
Light Exposure	Protect from direct sunlight
Container	Keep tightly sealed in the original container
Atmosphere	Protect from air and moisture
Shelf Life	24 months under recommended storage conditions

7. Statement of Conformity

Aromology certifies that this batch of Nerolidol Natural conforms to internal quality specifications for natural aroma chemicals and has been evaluated for identity, purity, physical characteristics and organoleptic quality.

This material is naturally isolated from essential oils and is intended for professional use in fragrance, cosmetic and personal care formulations. It contains no added solvents, synthetic fragrances or diluents.



8. Authorisation

Approved By	Department
Fozia Khot Director Aromology Trading LLC Dubai, UAE	

9. Supplier Details

AROMOLOGY

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Document Information

Parameter	Details
Document	Certificate of Analysis (COA)
Status	APPROVED
Date of Manufacture	19 August 2025
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