



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Details
Product Name	Premium Jasmine Grandiflorum Absolute
Botanical Name	<i>Jasminum grandiflorum</i> L.
INCI Name	Jasminum Grandiflorum (Jasmine) Flower Extract
Plant Part	Fresh Flowers
Extraction Method	Solvent Extraction of Jasmine Concrete, followed by Alcohol Extraction
Product Type	Natural Jasmine Absolute
Country of Origin	Italy
CAS Number	8022-96-6
EC Number	283-993-5
FEMA Number	2598
Batch Number	PJGA-IT-260724

ORGANOLEPTIC CHARACTERISTICS

Test	Specification	Result
Appearance	Mobile to viscous liquid	Conforms
Colour	Dark yellow, amber or reddish brown	Conforms
Odour	Intensely floral, warm, rich, sweet, green, fruity, tea-like and softly indolic	Conforms
Odour Strength	Strong and characteristic	Conforms
Foreign Matter	Free from visible foreign matter	Conforms

PHYSICO-CHEMICAL ANALYSIS

Test	Specification	Representative Result
Relative Density at 20 °C	0.955–0.986	0.971
Refractive Index at 20 °C	1.490–1.520	1.503



Optical Rotation at 20 °C	Approximately -4.0° or batch dependent -3.6°	
Flash Point	>100 °C	Conforms
Solubility in Water	Insoluble or practically insoluble	Conforms
Solubility in Ethanol	Soluble to partly soluble	Conforms
Solubility in Perfumery Solvents	Soluble	Conforms
Residual Solvents	Within applicable supplier specification	Conforms

Published supplier specifications for Jasmine Grandiflorum Absolute report a relative density of approximately 0.955–0.986, a refractive index of 1.490–1.520 and a flash point above 100 °C.

REPRESENTATIVE COMPOSITION PROFILE

Constituent	Representative Status
Benzyl Acetate	Naturally Present
Benzyl Benzoate	Naturally Present
Linalool	Naturally Present
Benzyl Alcohol	Naturally Present
Eugenol	Naturally Present
Farnesol	Naturally Present
Phytol and Isophytol	Naturally Present
cis-Jasmone	Naturally Present
Indole	Naturally Present
Methyl Anthranilate	Batch Dependent
Other Jasmine Flower Constituents	Balance

PURITY AND QUALITY ASSESSMENT

Assessment	Status
Organoleptic Identification	Conforms
Appearance and Colour	Conforms
Physicochemical Properties	Conforms
Added Synthetic Fragrance	None Declared
Added Carrier Oil	None Declared
Animal-Derived Ingredients	None
GMO-Derived Ingredients	Not Intentionally Added
Vegan and Vegetarian Suitability	Suitable
Professional Perfumery Grade	Conforms
Overall Assessment	Approved

Supplier documentation for Jasmine Grandiflorum Absolute confirms the conventional production route from jasmine plant material to concrete, followed by alcohol extraction and concentration to form the absolute.



STORAGE CONDITIONS

Store:

- In tightly closed containers;
- In a cool, dry and well-ventilated area;
- Preferably between 5 °C and 25 °C;
- Protected from direct sunlight;
- Protected from excessive heat;
- Away from moisture and oxidation; and
- Away from strong acids, alkalis and oxidising agents.

The product may become more viscous at lower temperatures. Gentle warming in a controlled water bath may be used before handling. Do not apply direct heat or flame.

SHELF LIFE

24 months from the manufacturing date when stored under the recommended conditions.

IMPORTANT NOTICE

This Certificate of Analysis contains representative specifications for a natural Jasmine Grandiflorum Absolute.

Natural variation may occur according to:

- Flower variety;
- Crop and harvest conditions;
- Geographical location;
- Extraction conditions;
- Concrete quality;
- Alcohol-washing process; and
- Storage history.

The original producer's batch-specific Certificate of Analysis and analytical results shall take precedence where available.



CONCLUSION

The representative batch of Premium Jasmine Grandiflorum Absolute (Italy) complies with the established organoleptic and physicochemical specifications for professional perfumery and cosmetic fragrance formulation.

AUTHORISED BY

Fozia Khot

Director

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