



CERTIFICATE OF ANALYSIS (COA)

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

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Night Jasmine Oil CO ₂
Alternative Name	Night-Flowering Jasmine CO ₂ Extract
Common Names	Parijat, Harsingar, Shiuli, Coral Jasmine
Botanical Name	<i>Nyctanthes arbor-tristis</i> L.
INCI Name	Nyctanthes Arbor-Tristis Flower Extract
CAS Number	90064-34-9
EC Number	290-096-2
Plant Part	Flowers
Extraction Method	Supercritical Carbon Dioxide Extraction
Country of Origin	India
Product Type	Natural CO ₂ Extract / Natural Complex Substance
Batch Number	NJC-IND-2607

ORGANOLEPTIC ANALYSIS

Test	Specification	Representative Result
Appearance	Mobile viscous liquid to soft extract, depending on temperature	Conforms
Colour	Golden yellow to deep amber	Conforms
Odour	Rich floral, narcotic, honeyed, green, jasmine-like and softly indolic	Conforms
Foreign Matter	Absent	Conforms
Identity	Corresponds to approved olfactive reference	Conforms



PHYSICO-CHEMICAL ANALYSIS

Test	Representative Specification	Representative Result
Relative Density at 20 °C	0.900–1.050	0.982
Refractive Index at 20 °C	1.450–1.520	1.487
Acid Value	Maximum 8.0 mg KOH/g	4.2 mg KOH/g
Water Content	Maximum 0.50%	0.18%
Residual Extraction Solvent	Carbon dioxide only; no organic extraction solvent intentionally used	Conforms
Solubility in Ethanol	Soluble to partially soluble; slight opalescence permitted	Conforms
Flash Point	Above 60 °C, representative	Conforms
Identity by Chromatography	Corresponds to reference profile	Conforms

REPRESENTATIVE COMPOSITIONAL PROFILE

Night Jasmine flower extracts are natural complex substances whose composition varies according to flower maturity, location, harvest and extraction conditions. Published studies report substantial regional variation in the volatile profile of *Nyctanthes arbor-tristis* flowers.

Constituent Group	Representative Status
Floral volatile alcohols	Present
Terpenoid alcohols	Present
Long-chain alcohols and aldehydes	May be present
Fatty acids and their esters	Present
Plant waxes	Present
Sterols and non-volatile botanical constituents	May be present
Naturally occurring fragrance allergens	Batch dependent
Added synthetic fragrance materials	None intentionally added

A definitive constituent profile requires a batch-specific GC/MS analysis.

PURITY AND QUALITY STATUS

Assessment	Result
Natural Botanical Extract	Conforms



Extraction Medium	Supercritical carbon dioxide
Added Carrier Oil	None intentionally added
Added Synthetic Fragrance	None
Added Preservatives	None
Artificial Colour	None
GMO Material	Not intentionally used
Animal-Derived Material	None
BSE/TSE Risk	Not applicable
Adulteration	None detected by representative quality assessment

MICROBIOLOGICAL STATUS

Microbiological testing is not normally applicable to an anhydrous, concentrated CO₂ extract. The material must nevertheless be handled according to good manufacturing and hygiene practices.

STORAGE CONDITIONS

Store:

- In the original tightly closed container
- At 5–20 °C
- Protected from direct sunlight and heat
- Protected from air and moisture
- Away from strong oxidising agents
- With minimum container headspace where practical

Gentle warming may be used to homogenise the product if it becomes viscous or semi-solid at lower temperatures. Avoid excessive or prolonged heating.

SHELF LIFE

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



CONCLUSION

The representative results stated above conform to Aromology Trading LLC's working specification for:

Night Jasmine Oil CO₂

This Certificate of Analysis is based on representative commercial data and is not a substitute for an original batch-specific laboratory report.

AUTHORISED BY

Fozia Khot
Director
Aromology Trading LLC