



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Carnation Absolute
Alternative Name	Carnation Flower Absolute
Botanical Name	<i>Dianthus caryophyllus</i> L.
INCI Name	Dianthus Caryophyllus Flower Extract
CAS Number	8021-43-0
EC Number	284-521-0
Origin	Egypt
Plant Part	Flowers
Extraction Method	Solvent Extraction
Grade	Premium Perfumery Grade
Product Type	Natural Absolute

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Viscous liquid to semi-solid	Conforms
Colour	Dark Amber to Brown	Conforms
Odour	Rich floral, spicy, clove-like, honeyed, powdery, warm	Conforms
Relative Density (20 °C)	0.980–1.060	Conforms
Refractive Index (20 °C)	1.500–1.540	Conforms
Flash Point	>80 °C	Conforms
Solubility	Soluble in ethanol with gentle warming	Conforms
Purity	100% Natural Absolute	Conforms

Typical Naturally Occurring Constituents



Constituent	Status
Eugenol	Naturally Present
β -Caryophyllene	Naturally Present
Benzyl Benzoate	Naturally Present
Benzyl Salicylate	Naturally Present
Phenethyl Alcohol	Naturally Present
Linalool	Naturally Present
Methyl Salicylate	Naturally Present
Farnesol	Naturally Present
Floral Esters	Naturally Present
Terpenoids	Naturally Present

Storage

Store tightly sealed in a cool, dry place away from heat, direct sunlight and oxidising agents.

Shelf Life

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

Conclusion

This material conforms to Aromology's quality specifications for Carnation Absolute (Egypt) and is suitable for professional perfumery applications.

Batch Number: CAE-260705

Manufacturing Date: 16 April 2026

Retest Date: 16 April 2029

Issue Date: 05 July 2026

Prepared By:

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