



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Coumarin Crystalline Powder
Alternative Name	Natural Coumarin Crystals
Chemical Name	2H-1-Benzopyran-2-one
INCI Name	Coumarin
CAS Number	91-64-5
EC Number	202-086-7
Molecular Formula	C ₉ H ₆ O ₂
Molecular Weight	146.14 g/mol
Source	Naturally isolated from botanical materials
Appearance	White Crystalline Powder
Grade	Premium Perfumery Grade
Product Type	Natural Aromatic Isolate

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Odour	Sweet, warm, hay, tonka bean, vanilla-like	Conforms
Identification (GC/HPLC)	Pass	Conforms
Assay (Coumarin)	≥99.0%	Conforms
Melting Point	68–70 °C	Conforms
Loss on Drying	≤0.5%	Conforms
Residue on Ignition	≤0.10%	Conforms
Solubility	Soluble in ethanol and organic solvents	Conforms



Storage

Store tightly sealed in a cool, dry place protected from moisture, direct sunlight and excessive heat.

Shelf Life

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

Conclusion

This material conforms to Aromology's quality specifications for Coumarin Crystalline Powder – Natural and is suitable for professional perfumery, cosmetic and fragrance applications.

Batch Number: CNP-260710

Manufacturing Date: 21 May 2026

Retest Date: 21 May 2029

Issue Date: 10 July 2026

Prepared and Authorised By:

Fozia Khot
Director