



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Ethyl Cinnamate Natural
Alternative Name	Natural Ethyl Cinnamate, Ethyl 3-Phenyl-2-propenoate
Chemical Name	Ethyl Cinnamate
INCI Name	Ethyl Cinnamate
CAS Number	103-36-6
EC Number	203-104-6
Molecular Formula	C ₁₁ H ₁₂ O ₂
Molecular Weight	176.21 g/mol
Origin	Naturally Derived
Product Type	Natural Aroma Chemical
Grade	Premium Perfumery Grade

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear liquid to crystalline solid (depending on temperature)	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Sweet, fruity, plum, balsamic, cinnamon-like	Conforms
Assay (GC)	≥98.0%	Conforms
Relative Density (25 °C)	1.050–1.080	Conforms
Refractive Index (20 °C)	1.555–1.565	Conforms
Melting Point	6–8 °C	Conforms



Flash Point Approximately 126°C Conforms

Storage

Store tightly closed in a cool, dry, well-ventilated place away from heat, moisture and direct sunlight.

Shelf Life

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

Conclusion

This material conforms to Aromology's quality specifications for Ethyl Cinnamate Natural – Plum and is suitable for professional perfumery, cosmetic and fragrance applications.

Batch Number: ECN-260710

Manufacturing Date: 06 June 2026

Retest Date: 06 June 2029

Issue Date: 10 July 2026

Prepared and Authorised By:

Fozia Khot
Director