



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Citral Natural
Alternative Name	Natural Citral
Chemical Name	3,7-Dimethyl-2,6-octadienal (Geranial & Neral)
INCI Name	Citral
CAS Number	5392-40-5
EC Number	226-394-6
Molecular Formula	C ₁₀ H ₁₆ O
Molecular Weight	152.24 g/mol
Source	Naturally Isolated from Essential Oils
Grade	Premium Perfumery Grade
Product Type	Natural Aroma Isolate

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Powerful fresh lemon, citrus, aldehydic, green	Conforms
Assay (Geranial + Neral)	≥96.0%	Conforms
Relative Density (20 °C)	0.885–0.891	Conforms
Refractive Index (20 °C)	1.486–1.490	Conforms
Boiling Point	Approximately 228 °C	Conforms
Flash Point	90–100 °C	Conforms
Purity	Premium Natural Isolate	Conforms



Typical assay and physical properties are consistent with recognised food and fragrance specifications.

Principal Components

Component	Typical Content
Geranial (Trans-Citral)	55–70%
Neral (Cis-Citral)	30–45%

Storage

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

Shelf Life

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

Conclusion

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

Batch Number: CTN-260710

Manufacturing Date: 06 May 2026

Retest Date: 06 May 2028

Issue Date: 10 July 2026

Prepared and Authorised By:

Fozia Khot
Director