

**CERTIFICATE OF ANALYSIS (COA)**

AROM OLOGY TRADING LLC

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www.aromology.com

PRODUCT INFORMATION

Parameter	Details
Product Name	Delta-Dodecalactone Natural
Product Code / SKU	DDLN-001
CAS Number	713-95-1
EC Number	211-928-4
Chemical Formula	C ₁₂ H ₂₂ O ₂
Molecular Weight	198.30 g/mol
Product Type	Natural Aroma Chemical / Lactone
Product Description	Naturally derived perfumery ingredient with a rich creamy, peach, coconut and milky odour profile
HS Code	2918.29
Intended Use	Fine Fragrance & Perfumery Applications
Restriction	Not for food, flavouring or medicinal use

BATCH INFORMATION

Parameter	Details
Batch Number	DDL260627
Manufacturing Date	As per batch
Best Before Date	24 months from production (subject to recommended storage conditions)

SPECIFICATIONS

Test	Specification	Result
Appearance	Clear colourless to pale yellow liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Sweet, creamy, peach, coconut, milky	Conforms
Identification (GC)	Positive	Conforms
Assay (GC)	≥98.0%	Conforms
Specific Gravity @20°C	0.945–0.955	Conforms
Refractive Index @20°C	1.452–1.458	Conforms
Solubility	Soluble in ethanol and oils; insoluble in water	Conforms
Miscibility	Compatible with perfumery bases and fixed oils	Conforms

OLFACTIVE PROFILE

Rich creamy lactonic material with pronounced peach, coconut and dairy nuances. Provides exceptional softness, roundness and volume in white florals, gourmand accords, tropical fruit accords, milky compositions and creamy musk fragrances.

STORAGE CONDITIONS

Store in tightly closed containers in a cool, dry place away from direct sunlight, heat and sources of ignition.

Protect from prolonged exposure to air to minimise oxidation and preserve odour quality.

DECLARATION

This product is a naturally derived aroma chemical intended for professional perfumery applications.

The information provided is based on supplier documentation and internal quality evaluation.

This product is guaranteed by **Aromology Trading LLC** to meet quality standards suitable for fragrance manufacture.

Users are responsible for determining the suitability of this material for their intended application and for ensuring compliance with all applicable regulations.

Document Type: Certificate of Analysis (COA)

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Authorized By:

Fozia Khot

Director

AROMOLOGY TRADING LLC

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