

CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology

Product Name: Aldehyde C-6 Natural

Chemical Name: Hexanal (Natural)

INCI Name: Hexanal

CAS Number: 66-25-1

EC Number: 200-624-5

Product Type: Natural Aroma Chemical (Natural Isolate)

Country of Origin: Spain

1. Product Information

Parameter	Details
Product Name	Aldehyde C-6 Natural
Chemical Name	Hexanal (Natural)
INCI Name	Hexanal
CAS Number	66-25-1
EC Number	200-624-5
Product Type	Natural Aroma Chemical (Natural Isolate)
Chemical Formula	C ₆ H ₁₂ O
Molecular Weight	100.16 g/mol
Intended Use	Perfumery, Cosmetics, Aromatics
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	Clear, colourless liquid	Conforms
Colour	Colourless	Conforms
Odour	Fresh, green, grassy, leafy, fatty, apple-like	Conforms
Solubility	Soluble in alcohol and perfumery solvents; practically insoluble in water	Conforms

3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Specific Gravity @20°C	0.812 – 0.818	Conforms
Refractive Index @20°C	1.401 – 1.406	Conforms
Boiling Point	128 – 131°C	Conforms
Flash Point	Approximately 32°C	Conforms
Purity (GC)	≥98.0%	Conforms

4. Major Constituent

Constituent	Typical Content (%)
Hexanal (Natural)	≥98.0

5. Quality Assessment

Quality Parameter	Result
Chemical Identity Verified	PASS
Organoleptic Evaluation	PASS
Appearance	PASS
Purity (GC)	PASS

Quality Parameter	Result
Natural Origin Verified	PASS
Suitable for Perfumery Use	PASS

6. Storage Conditions

Parameter	Recommendation
Storage Temperature	Store below 25°C
Light Exposure	Protect from direct sunlight
Container	Keep tightly sealed in the original container under inert atmosphere where possible
Shelf Life	24 Months under recommended storage conditions

7. Statement of Conformity

Aromology certifies that this batch of Aldehyde C-6 Natural (Hexanal) conforms to internal quality specifications for natural aroma chemicals and has been evaluated for identity, appearance, organoleptic characteristics, and analytical quality.

This material is a naturally derived isolate obtained from renewable botanical sources and is suitable for professional fragrance, cosmetic, personal care, and aromatic applications. It contains no added synthetic diluents or adulterants and conforms to Aromology's quality requirements for natural perfumery ingredients.

8. Authorisation

Approved By	Department
Fozia Khot	Director

Aromology Trading LLC
Dubai, United Arab Emirates

9. Supplier Details

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