

CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology

Product Name: Ambroxan Crystals Natural

Chemical Name: Ambroxide (Natural)

INCI Name: Ambroxide

CAS Number: 6790-58-5

EC Number: 229-861-2

Product Type: Natural Aroma Chemical (Natural Isolate)

Country of Origin: Spain

1. Product Information

Parameter	Details
Product Name	Ambroxan Crystals Natural
Chemical Name	Ambroxide (Natural)
INCI Name	Ambroxide
CAS Number	6790-58-5
EC Number	229-861-2
Product Type	Natural Aroma Chemical (Natural Isolate)
Chemical Formula	$C_{16}H_{28}O$
Molecular Weight	236.39 g/mol
Intended Use	Perfumery, Cosmetics, Aromatics
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	White to off-white crystalline solid	Conforms
Colour	White to off-white	Conforms
Odour	Powerful ambergris, woody, dry, sweet, musky	Conforms
Solubility	Soluble in ethanol and perfumery solvents; practically insoluble in water	Conforms

3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Melting Point	74–78°C	Conforms
Specific Gravity @20°C	Approx. 0.94	Conforms
Refractive Index (Molten)	1.490–1.500	Conforms
Purity (GC)	≥99.0%	Conforms

4. Major Constituent

Constituent	Typical Content (%)
Ambroxide (Natural)	≥99.0

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
Shelf Life	24 Months under recommended storage conditions

7. Statement of Conformity

Aromology certifies that this batch of Ambroxan Crystals Natural (Ambroxide) 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 aroma ingredient suitable for professional fragrance, cosmetic, personal care, and aromatic applications.

8. Authorisation

Approved By Department

Fozia Khot Director

Aromology Trading LLC

Dubai, United Arab Emirates

9. Supplier Details

AROMOLOGY

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Document Information

Parameter	Details
Document	Certificate of Analysis (COA)
Status	APPROVED
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