

CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology

Product Name: Borneol Crystals Natural

Chemical Name: Borneol

Botanical Source: Naturally isolated from essential oils (*Cinnamomum camphora*, *Blumea balsamifera*, and other natural sources)

INCI Name: Borneol

CAS Number: 464-45-9

EC Number: 207-353-1

FEMA Number: 2157

Product Type: Natural Aroma Chemical (Natural Isolate)

1. Product Information

Parameter	Details
Product Name	Borneol Crystals Natural
Chemical Name	Borneol
Botanical Source	Naturally isolated from essential oils
INCI Name	Borneol
CAS Number	464-45-9
EC Number	207-353-1
Product Type	Natural Aroma Chemical (Natural Isolate)
Chemical Formula	C ₁₀ H ₁₈ O
Molecular Weight	154.25 g/mol
Intended Use	Perfumery, Cosmetics, Aromatics
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	White crystalline solid	Conforms
Colour	White to off-white	Conforms
Odour	Fresh, camphoraceous, woody, balsamic	Conforms
Solubility	Slightly soluble in water; soluble in ethanol and organic solvents	Conforms

3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Melting Point	208–210 °C	Conforms
Boiling Point	Approx. 213 °C	Conforms
Specific Gravity @20 °C	Approx. 1.01	Conforms
Flash Point	Approx. 65 °C	Conforms
Purity (GC)	≥98.0%	Conforms

4. Major Constituent

Constituent	Typical Content (%)
Natural Borneol	≥98.0

5. Quality Assessment

Quality Parameter	Result
Chemical Identity Verified	PASS
Organoleptic Evaluation	PASS
Appearance	PASS
Purity (GC)	PASS
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 Borneol Crystals Natural 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, incense, 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
Batch Number	BCN26062901
Date of Manufacture	30 March 2026



PRINT DATE 02/03/26

Parameter	Details
Date of Expiry	29 March 2028
Issue Date	29 June 2026
Version	2.0

Authorized By

Fozia Khot
Director
Aromology Trading LLC