

CERTIFICATE OF ANALYSIS

Supplier: Aromology
Product Name: Benzaldehyde
Chemical Name: Benzaldehyde
INCI Name: Benzaldehyde
CAS Number: 100-52-7
EC Number: 202-860-4
Product Type: Aroma Chemical
Country of Origin: Spain

1. Product Information

Parameter	Details
Product Name	Benzaldehyde
Chemical Name	Benzaldehyde
INCI Name	Benzaldehyde
CAS Number	100-52-7
EC Number	202-860-4
Product Type	Aroma Chemical
Chemical Formula	C ₇ H ₆ O
Molecular Weight	106.12 g/mol
Intended Use	Perfumery, Cosmetics, Aromatics
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	Clear liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Characteristic bitter almond, sweet, cherry-like	Conforms
Solubility	Soluble in ethanol and perfumery solvents; slightly soluble in water	Conforms

3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Boiling Point	178–179 °C	Conforms
Melting Point	-26 °C	Conforms
Specific Gravity @20 °C	1.041–1.045	Conforms
Refractive Index @20 °C	1.544–1.547	Conforms
Purity (GC)	≥99.0%	Conforms

4. Major Constituent

Constituent	Typical Content (%)
Benzaldehyde	≥99.0

5. Quality Assessment

Quality Parameter	Result
Chemical Identity Verified	PASS

Quality Parameter	Result
Organoleptic Evaluation	PASS
Appearance	PASS
Purity (GC)	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 **Benzaldehyde** conforms to internal quality specifications for aroma chemicals and has been evaluated for identity, appearance, organoleptic characteristics, and analytical quality.

This material is suitable for professional use in fine fragrance, cosmetic, personal care, soap, candle, 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	BA26062901
Date of Manufacture	22 March 2026
Date of Expiry	21 March 2028
Issue Date	29 June 2026



PRINT DATE 02/03/26

Parameter		Details
Version	2.0	

Authorized By

Fozia Khot
Director
Aromology Trading LLC