

CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology

Product Name: Phenylethyl Alcohol (PEA) Natural

Chemical Name: 2-Phenylethanol (Natural)

INCI Name: Phenethyl Alcohol

CAS Number: 60-12-8

EC Number: 200-456-2

Product Type: Natural Aroma Chemical (Natural Isolate)

Country of Origin: Spain

1. Product Information

Parameter	Details
Product Name	Phenylethyl Alcohol (PEA) Natural
Chemical Name	2-Phenylethanol (Natural)
INCI Name	Phenethyl Alcohol
CAS Number	60-12-8
EC Number	200-456-2
Product Type	Natural Aroma Chemical (Natural Isolate)
Chemical Formula	C ₈ H ₁₀ O
Molecular Weight	122.16 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	Sweet, fresh, rose-like, floral	Conforms
Solubility	Slightly soluble in water; soluble in alcohol and organic solvents	Conforms

3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Specific Gravity @20°C	1.017 – 1.022	Conforms
Refractive Index @20°C	1.529 – 1.533	Conforms
Boiling Point	218 – 221°C	Conforms
Flash Point	Approximately 102°C	Conforms
Purity (GC)	≥99.0%	Conforms

4. Major Constituent

Constituent	Typical Content (%)
Phenylethyl Alcohol (Natural)	≥99.0

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 Phenylethyl Alcohol (PEA) 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 isolate 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

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Document Information

Parameter	Details
Document	Certificate of Analysis (COA)
Status	APPROVED
Date of Manufacture	20 February 2026
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