



CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology

Product Name: Phenyl Ethyl Isobutyrate Natural

Chemical Name: 2-Phenylethyl Isobutyrate (Natural)

CAS Number: 103-48-0

EC Number: 203-116-7

Product Type: Natural Aroma Ingredient

Country of Origin: France

1. Product Information

Parameter	Details
Product Name	Phenyl Ethyl Isobutyrate Natural
Chemical Name	2-Phenylethyl Isobutyrate
CAS Number	103-48-0
EC Number	203-116-7
Product Type	Natural Aroma Ingredient
Production Method	Natural ester obtained from naturally derived phenethyl alcohol and isobutyric acid
Intended Use	Perfumery, Cosmetics, Aromatics
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	Clear colourless to pale yellow liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Sweet, floral, rosy, honey-like, fruity characteristic	Conforms
Solubility	Soluble in alcohol and perfumery solvents; insoluble in water	Conforms

3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Purity (GC)	≥98.0%	Conforms
Specific Gravity @20°C	0.985 – 1.015	Conforms
Refractive Index @20°C	1.490 – 1.505	Conforms



Parameter	Typical Range	Result
Acid Value	≤2.0 mg KOH/g	Conforms

4. Major Constituents (Typical)

Constituent	Typical Range (%)
Phenyl Ethyl Isobutyrate	≥98.0
Naturally Occurring Minor Esters	Trace – 2.0

Natural variation may occur between production batches.

5. Quality Assessment

Quality Parameter	Result
Identity Verified	PASS
Organoleptic Evaluation	PASS
Purity by 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 original container
Shelf Life	24 months under recommended storage conditions

7. Statement of Conformity

Aromology certifies that this batch of **Phenyl Ethyl Isobutyrate Natural** conforms to internal quality specifications for perfumery raw materials and has been evaluated for identity, appearance, purity and organoleptic characteristics.

This material is produced from naturally derived raw materials and contains no added solvents, diluents or synthetic adulterants beyond normal manufacturing requirements.



8. Authorisation

Approved By	Department
Fozia Khot	Director
Aromology Trading LLC	Dubai, UAE

9. Supplier Details

AROMOLOGY

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Document Information

Parameter	Details
Document	Certificate of Analysis (COA)
Status	APPROVED
Date of Manufacture	12 March 2025
Date of Expiry	12 March 2027
Issue Date	18 March 2025
Version	2.0

Authorized by

Fozia Khot
Director
Aromology Trading LLC