

CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology
Product Name: Natural Ethyl Pelargonate
CAS Number: 123-29-5
FEMA Number: 2447
Product Code: 244700
Material Type: Natural Aroma Ingredient / Ester
Based on analytical data supplied for batch CH-2506480-3.

1. Product Information

Parameter	Details
Product Name	Natural Ethyl Pelargonate
Product Code	244700
FEMA Number	2447
Batch Number	CH-2506480-3
Supplier	Aromology
Quantity	0.100 kg
Date of Manufacture	13 May 2025
Date of Analysis	13 May 2025
Expiry Date	13 May 2027
Shelf Life	24 Months
Product Type	Natural Aroma Ingredient

2. Physical & Analytical Specifications

Test Parameter	Specification	Result	Status
Purity (GC)	Minimum 98.0%	99.75%	PASS
Specific Gravity (20°C/20°C)	0.860 - 0.875	0.868	PASS
Refractive Index (20°C)	1.415 - 1.425	1.422	PASS
Appearance	Colourless to pale yellow liquid	Conforms	PASS
Odour	Fruity, waxy	Conforms	PASS
Acid Value (mg KOH/g)	Maximum 5.0	0.888	PASS

Source analytical values verified from supplier certificate.

3. Organoleptic Characteristics

Property	Description
Appearance	Colourless to pale yellow liquid
Odour	Fruity, waxy
Olfactory Profile	Fruity, fatty, waxy, apple-peel, pear-like nuances

4. Quality Assessment

Quality Attribute	Result
Identity Verification	Conforms
Physical Characteristics	Conforms
Purity Requirements	Conforms
Organoleptic Evaluation	Conforms
Release Status	Approved

5. Storage Conditions

Parameter	Recommendation
Storage Temperature	Store in a cool, dry place
Light Exposure	Protect from direct sunlight
Container	Keep tightly closed
Handling	Use good industrial hygiene practices

6. Statement of Conformity

Aromology certifies that the above batch of Natural Ethyl Pelargonate has been evaluated against established quality specifications and conforms to the requirements for identity, purity, physical properties, and organoleptic characteristics.

7. Authorisation

Approved By Fozia Khot
Quality Control Manager Aromology

8. Supplier Details

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Status: APPROVED FOR SALE AND DISTRIBUTION