

## CERTIFICATE OF ANALYSIS (COA)

**Supplier:** Aromology

**Product Name:** Aldehyde C-16

**Chemical Name:** Ethyl Methylphenylglycidate

**INCI Name:** Ethyl Methylphenylglycidate

**CAS Number:** 77-83-8

**EC Number:** 201-061-8

**Product Type:** Aroma Chemical

**Country of Origin:** Spain

### 1. Product Information

Parameter	Details
Product Name	Aldehyde C-16
Chemical Name	Ethyl Methylphenylglycidate
INCI Name	Ethyl Methylphenylglycidate
CAS Number	77-83-8
EC Number	201-061-8
Product Type	Aroma Chemical
Chemical Formula	C <sub>12</sub> H <sub>14</sub> O <sub>3</sub>
Molecular Weight	206.24 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, fruity, strawberry, floral, honey-like	Conforms
Solubility	Soluble in alcohol and perfumery solvents; insoluble in water	Conforms

### 3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Specific Gravity @20°C	1.090 – 1.100	Conforms
Refractive Index @20°C	1.490 – 1.500	Conforms
Melting Point	7 – 8°C	Conforms
Boiling Point	272 – 275°C	Conforms
Flash Point	>100°C	Conforms
Purity (GC)	≥98.0%	Conforms

*The physical constants are consistent with published reference data for Ethyl Methylphenylglycidate (Aldehyde C-16).*

### 4. Quality Assessment

Quality Parameter	Result
Chemical Identity Verified	PASS
Organoleptic Evaluation	PASS
Appearance	PASS
Purity	PASS
Suitable for Perfumery Use	PASS

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## 5. 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

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## 6. Statement of Conformity

Aromology certifies that this batch of Aldehyde C-16 (Ethyl Methylphenylglycidate) conforms to internal quality specifications for perfumery aroma chemicals and has been evaluated for identity, appearance, organoleptic characteristics, and physical quality.

This material is suitable for professional fragrance, cosmetic, and aromatic applications and is free from added impurities beyond normal manufacturing tolerances.

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## 7. Authorisation

Approved By	Department
Fozia Khot	Director

**Aromology Trading LLC**  
Dubai, United Arab Emirates

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## 8. Supplier Details

### AROM OLOGY

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## Document Information

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Status	APPROVED
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