



CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology
Product Name: Para Cresol
Chemical Name: *p*-Cresol (4-Methylphenol)
Synonyms: 4-Methylphenol
CAS Number: 106-44-5
EC Number: 203-398-6
FEMA Number: 2338
Molecular Formula: C₇ H₈ O
Molecular Weight: 108.14 g/mol
Product Type: Aroma Chemical
Country of Origin: Germany

1. Product Information

Parameter	Details
Product Name	Para Cresol
Chemical Name	<i>p</i> -Cresol (4-Methylphenol)
CAS Number	106-44-5
EC Number	203-398-6
FEMA Number	2338
Molecular Formula	C ₇ H ₈ O
Molecular Weight	108.14 g/mol
Product Type	Aroma Chemical
Intended Use	Perfumery, Fragrance Manufacture
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	White crystals or colourless liquid above melting point	Conforms
Colour	White to colourless	Conforms
Odour	Phenolic, leathery, medicinal, tar-like, narcissus	Conforms
Solubility	Slightly soluble in water; soluble in ethanol and organic solvents	Conforms

3. Analytical Characteristics

Parameter	Specification	Result
Purity (GC)	≥99.0%	Conforms



Parameter	Specification	Result
Melting Point	31.0–35.5 °C	Conforms
Boiling Point	201–202 °C	Conforms
Relative Density @40 °C	1.028–1.035	Conforms
Refractive Index @40 °C	1.5360–1.5420	Conforms
Water Content (Karl Fischer)	≤0.20%	Conforms

4. Typical Composition

Constituent	Typical Content (%)
Para Cresol	≥99.0
Ortho Cresol	≤0.20
Meta Cresol	≤0.20
Other Organic Impurities	≤0.60

5. Quality Assessment

Quality Parameter	Result
Identity Verified	PASS
GC Purity	PASS
Physical Characteristics	PASS
Organoleptic Evaluation	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 closed in original container
Atmosphere	Protect from moisture and air
Shelf Life	24 months under recommended storage conditions

7. Statement of Conformity

Aromology certifies that this batch of Para Cresol complies with internal quality specifications for perfumery-grade aroma chemicals.

The material has been evaluated for identity, purity, physical characteristics and organoleptic quality and is suitable for professional fragrance manufacture. Para Cresol



is a high-impact specialty ingredient used at extremely low concentrations to create leather, narcissus, animalic, smoky and floral effects in fine fragrances.

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	03 September 2025
Date of Expiry	03 September 2027
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