



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Product Information	Details
Product Name	Methyl Ionone Gamma Coeur
Chemical Name	3-Methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl)but-3-en-2-one
Common Name	Methyl Ionone Gamma Coeur
CAS Number	127-51-5
Alternative CAS Number	7779-30-8 (main isomer reference)
EC Number	204-846-3
Molecular Formula	C ₁₄ H ₂₂ O
Molecular Weight	206.33 g/mol
Product Type	Aroma Chemical
Purity	≥95%
Batch Number	MIGC-260721

ORGANOLEPTIC PROPERTIES

Test	Specification	Result
Appearance	Clear liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Orris, violet, woody, powdery, tobacco	Conforms

PHYSICO-CHEMICAL PROPERTIES

Test	Specification	Result
Assay (GC)	≥95.0%	98.7%
Relative Density (20 °C)	0.925–0.935	0.931
Refractive Index (20 °C)	1.498–1.503	1.501



Flash Point	$\geq 115^{\circ}\text{C}$	118 $^{\circ}\text{C}$
Acid Value	$\leq 1.0 \text{ mg KOH/g}$	0.18
Water Content	$\leq 0.20\%$	0.04%
GC Profile	Matches Reference Standard	Conforms

STORAGE

Store in tightly closed original containers in a cool, dry and well-ventilated area.

Recommended storage temperature: 15–25 $^{\circ}\text{C}$.

Protect from direct sunlight and strong oxidising agents.

CONCLUSION

This batch complies with Aromology Trading LLC quality specifications for Methyl Ionone Gamma Coeur – Orris and is suitable for professional fragrance manufacture.

Authorised by

Fozia Khot
Director