



CERTIFICATE OF ANALYSIS (COA)

Supplier

Aromology Trading LLC

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Product Information

Product Name	Ionone Beta Natural
Product Type	Natural Aroma Chemical
Chemical Name	β -Ionone (Natural)
CAS Number	14901-07-6
EC Number	238-969-9
FEMA Number	2592
Molecular Formula	$C_{13}H_{20}O$
Molecular Weight	192.30 g/mol
Source	Naturally derived from plant carotenoids
Intended Use	Perfumery Raw Material
Batch Number	IBN26063001
Manufacturing Date	22 May 2026
Retest Date	22 May 2028
Issue Date	30 June 2026
Revision	1.0

Analytical Specifications

Test	Specification	Result
Appearance	Clear pale yellow to amber liquid	Complies
Odour	Powerful violet, floral, woody, fruity characteristic	Complies
Identification (GC)	Conforms to reference standard	Pass
Assay (GC)	$\geq 98.0\%$	99.2%
Relative Density (20 °C)	0.944 – 0.954	0.949
Refractive Index (20 °C)	1.5180 – 1.5230	1.5201



Test	Specification	Result
Optical Rotation	Conforms to natural material specification	Complies
Acid Value	≤ 1.0 mg KOH/g	0.12 mg KOH/g
Water Content (Karl Fischer)	$\leq 0.20\%$	0.05%
Colour (APHA)	≤ 100	16
Flash Point	$\geq 110^{\circ}\text{C}$	Pass

Conclusion

Based on the analytical results obtained, the above material complies with the established quality specifications for Ionone Beta Natural and is suitable for use as a fragrance ingredient in perfume manufacture.

Storage Conditions

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

Protect from direct sunlight, excessive heat, moisture and strong oxidizing agents.

Recommended Storage Temperature: 15–25 °C.

Shelf Life

24 months from the date of manufacture when stored in the original unopened container under the recommended storage conditions.

Authorized by

Fozia Khot
Director
Aromology Trading LLC