



CERTIFICATE OF ANALYSIS (COA)

Supplier

Aromology Trading LLC

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Manufacturer

BASF SE

Product Information

Product Information

Product Name	Ionone Beta
Manufacturer	BASF SE
Chemical Name	β -Ionone
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
Intended Use	Perfumery Raw Material
Batch Number	IB26063001
Manufacturing Date	23 May 2026
Retest Date	23 May 2028
Issue Date	30 June 2026
Revision	1.0

Analytical Specifications

Test	Specification	Result
Appearance	Clear pale yellow to amber liquid	Complies
Odour	Woody, violet, floral, fruity characteristic	Complies
Identification (GC)	Conforms to reference standard	Pass
Assay (GC)	$\geq 99.0\%$	99.7%



Test	Specification	Result
Relative Density (20 °C)	0.944 – 0.954	0.949
Refractive Index (20 °C)	1.5180 – 1.5230	1.5204
Acid Value	≤ 1.0 mg KOH/g	0.09 mg KOH/g
Water Content (Karl Fischer)	≤ 0.20%	0.03%
Colour (APHA)	≤ 100	15
Flash Point	≥ 110 °C	Pass

Conclusion

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

Storage Conditions

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

Protect from direct sunlight, moisture, excessive heat 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