



CERTIFICATE OF ANALYSIS (COA)

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Isonaline 70

PRODUCT INFORMATION

Product Name: Isonaline 70
Manufacturer's Product Code: 5005817
Chemical Name: Mixture of Alpha- and Beta-Iso-Methyl Ionone and Alpha- and Beta-n-Methyl Ionone
CAS Number: 1335-46-2
EC Number: 215-635-0
EU List Number: 942-741-0
Molecular Formula: C₁₄H₂₂O
Molecular Weight: 206.3 g/mol

Recommended Use: Fragrance and Perfumery Ingredient

ANALYSIS RESULTS

PARAMETER	UNIT	SPECIFICATION	RESULT
Appearance	—	Pale Yellow Liquid	Conforms
Odour	—	Characteristic	Conforms
Colour, CIE-Lab	—	Typical: L* 100, a* -5, b* +8	Conforms
Identity	—	Corresponds	Corresponds
Refractive Index at 20 °C	—	1.498–1.502	Conforms
Density at 20 °C	g/mL	0.929–0.934	Conforms
Acid Value	mg KOH/g	Maximum 0.1	Conforms
Sum of Isomers by GC	Area %	90.0–100.0	Conforms
Solubility	—	Soluble in Common Organic Solvents; Insoluble in Water	Conforms



ISOMERIC COMPOSITION

COMPONENT	UNIT	SPECIFICATION	RESULT
Alpha-Iso-Methyl Ionone	GC Area %	60.0–70.0	Conforms
Beta-Iso-Methyl Ionone	GC Area %	3.0–14.0	Conforms
Alpha-n-Methyl Ionone	GC Area %	17.0–30.0	Conforms
Beta-n-Methyl Ionone	GC Area %	0.0–10.0	Conforms
Pseudomethyl Ionone	GC Area %	Maximum 1.0	Conforms
Total Isomers	GC Area %	90.0–100.0	Conforms

STABILISER AND ADDITIVE INFORMATION

SUBSTANCE	FUNCTION	CONCENTRATION
DL-Alpha-Tocopherol	Antioxidant/Stabiliser	200 ppm
Citric Acid	Stabiliser	40 ppm

The product is not supplied as a completely additive-free substance. It contains the stabilisers declared above.

STORAGE CONDITIONS

Isonaline 70 is sensitive to air, heat, light and humidity.

Store in the unopened original container, sealed under inert gas, at a temperature below 25 °C. Protect from light and humidity. Keep the container tightly closed.

Once opened, reseal immediately and use the contents as quickly as reasonably possible.

SHELF LIFE AND EXPIRY

The manufacturer declares a shelf life of 24 months from the date of manufacture, provided the product remains unopened in its original container, sealed under inert gas and stored below 25 °C.

Exact Expiry/Best-Use-Before Date: As printed on the manufacturer's product label.



DISCLAIMER

This certificate has been prepared from the manufacturer's Product Data Sheet and represents the published quality specification. Where batch-specific numerical test results are required, the original manufacturer's batch Certificate of Analysis should be consulted.

The batch number, manufacturing date and exact best-use-before date must correspond with the information printed on the original product label.

This certificate has been issued electronically and does not require a signature or stamp.

Authorised by:

Fozia Khot

Director