



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Safranal Oil
Chemical Name	Safranal
Product Type	Aroma Chemical / Natural Nature-Identical Aroma Ingredient
CAS Number	116-26-7
EC Number	204-133-7
Chemical Formula	C ₁₀ H ₁₄ O
Molecular Weight	150.22 g/mol
Appearance	Clear pale yellow to yellow liquid
Odour	Powerful, warm, saffron-like, spicy, leathery, hay-like
Country of Origin	Switzerland
Batch Number	SFO-260704
Manufacturing Date	22 May 2026
Retest Date	22 May 2028

Analytical Specifications

Test	Specification	Result
Appearance	Clear pale yellow to yellow liquid	Complies
Odour	Characteristic saffron, warm, spicy	Complies
Identification (GC/MS)	Conforms to reference standard	Complies
Assay (GC)	≥98.0%	99.2%
Relative Density (20 °C)	0.965–0.980	0.972
Refractive Index (20 °C)	1.5180–1.5280	1.5231
Acid Value	≤2.0 mg KOH/g	0.35 mg KOH/g
Moisture (Karl Fischer)	≤0.20%	0.06%
Colour	Pale yellow to yellow	Complies

Storage

Store in tightly closed containers in a cool, dry, well-ventilated place away from direct sunlight, heat, moisture and sources of ignition.

Recommended storage temperature: 15–25 °C.



Shelf Life

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

Statement

This product has been manufactured, tested and released in accordance with the quality standards of Aromology Trading LLC and complies with the specifications stated above at the time of manufacture.

The analytical values reported are typical quality control results and should not be regarded as absolute specifications for every individual batch.

Approved By

Fozia Khot
Director
Aromology Trading LLC