



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Sinensal Natural
Botanical Source	<i>Citrus sinensis</i> (L.) Osbeck
INCI Name	<i>Citrus Aurantium Dulcis</i> (Orange) Peel Oil (Natural Fraction)
Product Type	Natural Isolate / Natural Aroma Ingredient
CAS Number	8028-48-6
EC Number	232-433-8
Appearance	Clear pale yellow to amber liquid
Odour	Intense sweet orange peel, juicy, citrus, aldehydic, long-lasting
Country of Origin	Brazil
Extraction Method	Fractionation of Sweet Orange Essential Oil
Batch Number	SIN-260704
Manufacturing Date	18 May 2026
Retest Date	18 May 2028

Analytical Specifications

Test	Specification	Result
Appearance	Clear pale yellow to amber liquid	Complies
Odour	Characteristic sweet orange, aldehydic	Complies
Identification (GC/MS)	Conforms to reference standard	Complies
Sinensal Content (GC)	≥95.0%	96.8%
Relative Density (20 °C)	0.845–0.870	0.856
Refractive Index (20 °C)	1.4700–1.4850	1.4782
Optical Appearance	Clear	Complies
Moisture (Karl Fischer)	≤0.20%	0.05%
Acid Value	≤2.0 mg KOH/g	0.38 mg KOH/g
Solubility (90% Ethanol)	Clear solution (1:3)	Complies

Storage

Store in tightly closed containers in a cool, dry and well-ventilated place away from direct sunlight, excessive heat 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, sampled, tested and released in accordance with the quality standards of Aromology Trading LLC and complies with the specifications stated above at the time of release.

The analytical values reported are typical quality control results and are intended solely for quality assurance purposes. They should not be regarded as guaranteed specifications for every individual batch.

Approved By

Fozia Khot
Director
Aromology Trading LLC