



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Sweet Orange Oil
Botanical Name	<i>Citrus sinensis</i> (L.) Osbeck
INCI Name	<i>Citrus Aurantium Dulcis</i> (Orange) Peel Oil
Product Type	Folded Essential Oil
CAS Number	8028-48-6
EC Number	232-433-8
Extraction Method	Cold Pressed, Folded (10 Fold)
Appearance	Clear yellow to orange liquid
Odour	Rich, sweet, juicy orange peel, fresh citrus
Country of Origin	Brazil
Batch Number	SO10F-260704
Manufacturing Date	18 May 2026
Retest Date	18 May 2028

Analytical Specifications

Test	Specification	Result
Appearance	Clear yellow to orange liquid	Complies
Odour	Characteristic	Complies
Identification (GC/MS)	Conforms to reference	Complies
Relative Density (20 °C)	0.845–0.870	0.852
Refractive Index (20 °C)	1.4700–1.4850	1.4743
Optical Rotation	+94° to +99°	+96.5°
d-Limonene	≥90.0%	94.6%
Aldehydes	Typical	Complies
Moisture	≤0.20%	0.04%

Storage

Store in tightly sealed containers in a cool, dry place away from heat, direct sunlight and sources of ignition.

Shelf Life

24 months under recommended storage conditions.



Statement

This product has been tested and complies with the above specifications at the time of release.

Approved By

Fozia Khot
Director
Aromology Trading LLC

