



Certificate of Analysis

1) Product Identification

Product Name: Mandarin Essential Oil
Botanical Name: Citrus reticulata
Country of Origin: Italy
Cultivation Method: Conventional
Extraction Method: Cold Pressed
Plant Part: Fruit Peel
Lot #: 4
Best by Date: May 2024

2) Physical and Chemical Properties

Appearance:	Clear, golden yellow to red orange mobile liquid	Conforms
Odor:	Characteristic	Conforms
Specific Gravity:	0.8541 @ 15°C	Conforms
Refractive Index:	1.4730 @ 20°C	Conforms
Optical Rotation:	74.10° @ 20°C	Conforms
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Conforms

3) Gas Chromatography Analysis (Typical)

Components:

alpha-Pinene	Trace – 4.0%	Linalool	0.08 – 0.16%
Myrcene	Trace – 4.0%	Citronellal	Trace
Limonene	73.0 – 75.0%	Citral	Trace

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+852 9867 4989 | info@honggardo.com

Room15, 25/F, Block F, Golden Bear Industrial Centre, 66-82 Chai Wan Kok Street, Tsuen Wan, Hong Kong



4) Storage Conditions

Store at temperature <math><30^{\circ}\text{C}</math> in closed containers and protected from direct sunlight.

5) Remarks

This Essential Oil is a 100% pure and natural product.
It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge.

6) Disclaimer

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