

## CERTIFICATE OF ANALYSIS

Organic Essential Oil of Sweet Orange from Mexico  
100% pure and natural

Botanical name : *Citrus sinensis L.*  
Commercial name : Organic Sweet Orange  
Batch number : **2300797**  
Geographical origin : Mexico  
Production date : December 2023

### Physical and chemical data :

	Standards	Results of analysis
<b>Appearance</b>	Mobile liquid	Conform
<b>Colour</b>	Yellow to orangey yellow	Conform
<b>Odour</b>	Fresh, characteristic of the fruit, sweet	Conform
<b>Specific gravity at 20°C</b>	0.835 to 0.850	0.8460
<b>Refractive index at 20°C</b>	1.470 to 1.480	1.4730
<b>Optical rotation at 20°C</b>	+90° to +110°	+98.50°
<b>Flash point</b>	+45°C to +55°C	

### Table of components (1) :

Components	Contents
Alpha-pinene	0.56%
Beta-pinene	0.02%
Sabinene	0.20%
Aldehyde C-11 Undecanal	0.01%
Delta-3-carene	0.09%
Myrcene	1.98%
Alpha-phellandrene	0.04%
Limonene	95.70%
Beta-phellandrene	0.30%
Trans-beta-ocimene	0.02%
Alpha-terpinolene	0.02%
n-Octanal	0.24%
n-Nonanal	0.04%
Citronellal	0.04%
n-Decanal	0.16%
Linalool	0.31%
n-Octanol	0.01%
Neral	0.04%
Alpha-terpineol	0.03%
Dodecanal	0.03%

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### **Table of components (2) :**

<b>Components</b>	<b>Contents</b>
Geranial	0.05%
Valencene	0.01%
Perillaldehyde	0.02%
Beta-sinensal	0.02%
Alpha-sinensal	0.02%
<b>TOTAL</b>	<b>99.96%</b>