

## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

PRODUCT NAME: Sweet Orange  
 BOTANICAL NAME: Citrus sinensis  
 SYNONYM(S):

INCI NAME: Citrus sinensis dulcis (orange) peel oil  
 CAS TSCA: 8028-48-6      HS CODE: 3301.29  
 CAS EINECS: 8008-57-9      EINECS:  
 FEMA: 2825      COE: 143n  
 COUNTRY OF ORIGIN: Mexico      FDA CODE: 182.2  
 PRODUCTION TYPE: Certified Organic  
 PRODUCTION METHOD: Cold pressed  
 PART DISTILLED: Zest  
 LOT NUMBER: EAB248744MX65320A  
 PRODUCTION DATE: 04/2020  
 EXPIRATION DATE: 04/2022

### COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.  
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Certified organic by Ecocert Canada



PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Yellow to orange liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic orange odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.838 to 0.850 @ 20°C</i>	<i>0.840</i>
OPTICAL ROTATION:	<i>+94.0 – +99.0 @ 20°C</i>	<i>+94.0</i>
REFRACTIVE INDEX:	<i>1.472 – 1.474 @ 20°C</i>	<i>1.472</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>N/A</i>

### DISCLAIMER

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Sweet Orange  
Citrus sinensis

LOT: MX65320A

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% TOTAL: 99.379577	COMPONENTS
0.54445	<i>a-pinene</i>
0.01624	<i>b-pinene</i>
0.06964	<i>3-carene</i>
0.01510	<i>a-phellandrene</i>
2.03905	<i>myrcene</i>
95.59720	<i>r-limonene</i>
0.000397	<i>g-terpinene</i>
0.02045	<i>t-ocimene</i>
0.00273	<i>p-cymene</i>
0.00472	<i>sabynene hydrate</i>
0.03613	<i>valencene</i>
0.02150	<i>dodecyl aldehyde</i>
0.17243	<i>octanal</i>
0.02797	<i>nonanal</i>
0.06900	<i>citronellal</i>
0.19800	<i>decanal</i>
0.00459	<i>neral</i>
0.03866	<i>geranial</i>
0.33402	<i>linalool</i>
0.01790	<i>1-octanol</i>
0.01290	<i>terpinen-4-ol</i>
0.01155	<i>geraniol</i>
0.06848	<i>neryl acetate</i>
0.03477	<i>geranyl acetate</i>
0.00000	<i>a-thujone</i>
0.00259	<i>t-limonene oxide</i>
0.00913	<i>c-limonene oxide</i>
0.00755	<i>a-humulene</i>
0.00243	<i>nootkatone</i>

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