

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

PRODUCT NAME: Red Mandarin
BOTANICAL NAME: Citrus reticulata
SYNONYM(S):

INCI NAME: Citrus reticulata peel oil
CAS TSCA: 8008-31-9
CAS EINECS: 84929-38-4
FEMA: 2657
COUNTRY OF ORIGIN: Italy
PRODUCTION TYPE: Certified Organic
PRODUCTION METHOD: Expression à froid
PART DISTILLED: Zest
LOT NUMBER: EAB248737IT74718C
PRODUCTION DATE: April 2018
EXPIRATION DATE: April 2020

COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.
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Certified organic by Ecocert Canada



PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Orangish yellow to a dark orange liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic sweet citrusy odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.840 - 0.858 @ 20°C</i>	<i>0.85</i>
OPTICAL ROTATION:	<i>+63.0 - +78.0 @ 20°C</i>	<i>+67.5</i>
REFRACTIVE INDEX:	<i>1.470 - 1.475 @ 20-C</i>	<i>1.475</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

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