



CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

PRODUCT NAME: Bitter Orange
BOTANICAL NAME: Citrus aurantium ssp. amara
SYNONYM(S):

INCI NAME: Citrus aurantium amara (orange) peel oil
CAS TSCA: 68916-04-1 HS CODE: 3301.29
CAS EINECS: N/A EINECS:
FEMA: N/A COE: N/A
COUNTRY OF ORIGIN: Spain FDA CODE: N/A
PRODUCTION TYPE: Conventional
PRODUCTION METHOD: Cold pressed
PART DISTILLED: Zest
LOT NUMBER: EAC148288IT35621A
PRODUCTION DATE: 04/2021
EXPIRATION DATE: 04/2023

COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.
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CANADA
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E-MAIL: INFO@ZAYATAROMA.COM

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Yellowish to orange liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic bitter orange citrus odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.850 to 0.860 @ 20°C</i>	<i>0.858</i>
OPTICAL ROTATION:	<i>+85.0 – +95.0 @ 20°C</i>	<i>+85.0</i>
REFRACTIVE INDEX:	<i>1.473 – 1.474 @ 20°C</i>	<i>1.473</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

DISCLAIMER

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