

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Green Mandarin	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Citrus reticulata	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):		TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Citrus reticulata peel oil		
CAS TSCA:	8008-31-9	HS CODE:	3301.29
CAS EINECS:	84929-38-4	EINECS:	
FEMA:	2657	COE:	142n
COUNTRY OF ORIGIN:	Brazil	FDA CODE:	182.2
PRODUCTION TYPE:	Certified Organic		Certified organic by Ecocert Canada
PRODUCTION METHOD:	Cold pressed		
PART DISTILLED:	Zest		
LOT NUMBER:	EAB248738BR74720A		
PRODUCTION DATE:	12/2020		
EXPIRATION DATE:	12/2022		



PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Dark brown to green liquid</i>	<i>Complies</i>
ODOR	<i>Tangy citrus aroma with fresh, sweet, green notes</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>0.841</i>
OPTICAL ROTATION:	<i>64 - 85</i>	<i>69</i>
REFRACTIVE INDEX:	<i>1.472 - 1.478</i>	<i>1.4744</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

DISCLAIMER

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Green Mandarin
Citrus reticulata

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% TOTAL: 98.62	COMPONENTS
1.95	<i>Alpha-pinene</i>
0.74	<i>Alpha-thuyene</i>
1.48	<i>Beta-pinene</i>
0.25	<i>Sabinene</i>
1.78	<i>Myrcene</i>
0.07	<i>Alpha phellandrene</i>
0.37	<i>Alpha-terpinene</i>
70.23	<i>Limonene</i>
0.01	<i>1.8 cineole</i>
18.92	<i>Gamma terpinene</i>
0.42	<i>Paracymene</i>
0.85	<i>Terpinolene</i>
0.06	<i>Octanal</i>
Nd	<i>Furfural</i>
0.02	<i>Citronellal</i>
0.05	<i>Decanal</i>
0.15	<i>Linalol</i>
Nd	<i>Methyl chavicol</i>
0.32	<i>E,E alpha farnesene</i>
0.03	<i>Citronellol</i>
Nd	<i>Safrole</i>
Nd	<i>Methyl eugenol</i>
0.58	<i>N Methyl anthranilate de methyle</i>
0.34	<i>Alpha sinensal</i>

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