

Certificate of Analysis		
Product Name:	Red Mandarin Organic Essential Oil	
Latin Binomial/INCI:	Citrus Reticulata	
Cultivation:	100% Organic	
Product Code/Lot Number:	4141-FZCB	
Material:	Peel	
Country of Origin:	ITALY	
Date of Production:	June, 2025	
Retest Date:	June, 2028	
Ingredient Deck: 100% Organic Red Mandarin Essential Oil		
Specification	Expected	Result
Color:	Deep yellow to orange	PASSED
Odor:	Sweet, Fresh, Citrusy aroma	PASSED
Appearance:	Mobile Liquid	PASSED
Specific Gravity at 20°C	0.841 – 0.851	0.846
Refractive Index at 20°C	1.4600 – 1.4800	1.4735
TEST		
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	d-Limonene	73.79%
	Gamma Terpinene	16.24%
	Alpha Pinene	1.91%
	Myrcene	1.78%
	Beta Pinene	1.35%
GRAS	LISTED	PASSED
No GMO Materials Used:	NONE	PASSED
No Sewage Sludge:	NONE	PASSED
No Ionizing Radiation:	NONE	PASSED
STORE IN TIGHT CONTAINERS IN A COOL PLACE (60 TO 78°F), PROTECTED FROM LIGHT.		
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