

Certificate of Analysis		
Product Name:	Red Mandarin Organic Essential Oil	
Latin Binomial/INCI:	Citrus Reticulata	
Cultivation:	100% Organic	
Product Code/Lot Number:	4141 – LBCB	
Material:	Peel	
Country of Origin:	Italy	
Date Approved:	December 2025	
Retest Date:	December 2026	
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 20°C:	0.841 – 0.851	0.841
Refractive Index 20°C:	1.4690 – 1.4790	1.4735
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	D- Limonene	86.10%
	Gamma Terpinene	7.19%
	Myrcene	1.86%
	Alpha Pinene	1.12%
	Beta Pinene	0.64%
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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