

Certificate of Analysis		
Product Name:	Mandarin, Red Organic	
Latin Binomial/INCI:	Citrus reticulata	
Cultivation:	100% Organic	
Product Code/Lot Number:	4141-KKAIZ	
Material:	Peel	
Country of Origin:	Italy	
Date of Production:	November 19, 2019	
Expiration Date:	November 19, 2022	
Ingredient Deck: 100% Red Mandarin Essential Oil		
Specification	Expected	Result
Color:	Yellow to reddish orange	PASSED
Odor:	Sweet fresh scent	PASSED
Appearance:	Transparent liquid	PASSED
Specific Gravity 20C:	0.841 – 0.851	0.846
Refractive Index 20C:	1.469 – 1.479	1.4734
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	d-Limonene	79.37%
	Gamma Terpinene	16.35%
	Myrcene	1.66%
	Sabinene	0.61%
	Alpha Pinene	0.49%
GRAS	LISTED	PASSED
No GMO Materials Used:	NONE	PASSED
No Sewage Sludge:	NONE	PASSED
No Ionizing Radiation:	NONE	PASSED
<b>STORE IN TIGHT CONTAINERS IN A COOL PLACE (60 TO 78°F), PROTECTED FROM LIGHT.</b>		
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