

Certificate of Analysis		
Product Name:	Mandarin, Red	
Latin Binomial/INCI:	<i>Citrus Reticulata</i>	
Cultivation:	Conventional	
Product Code/Lot Number:	4143 BBFB	
Material:	Peel	
Country of Origin:	ITALY	
Date of Production:	February, 2025	
Retest Date:	February, 2028	
Ingredient Deck: 100% Red Mandarin Essential Oil		
Specification	Expected	Result
Color:	Orange to reddish	PASSED
Odor:	Sweet, Fresh, Citrusy aroma	PASSED
Appearance:	Mobile liquid	PASSED
TEST		
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	D-Limonene	73.26%
	Gamma Terpinene	17.93%
	Alpha Pinene	2.38%
	Beta Pinene	1.45%
	Myrcene	1.59%
GRAS	LISTED	PASSED
No GMO Materials Used:	NONE	PASSED
No Sewage Sludge:	NONE	PASSED
No Ionizing Radiation:	NONE	PASSED
<p style="text-align: center;">STORE IN TIGHT CONTAINERS IN A COOL PLACE (60 TO 78°F), PROTECTED FROM LIGHT.</p> <p style="text-align: center;">Disclaimer: This information relates only to the specific materials mentioned and may not be valid in combination with other materials or processes. To the best of our knowledge this information is complete, accurate and reliable. However, no warranty or guarantee is implied. We assume no responsibility for any loss, damage or expense arising out of use. It is the user's responsibility to decide suitability for use.</p>		