

Certificate of Analysis		
Product Name:	Organic Petitgrain Bigarade Essential Oil	
Latin Binomial/INCI:	<i>Citrus aurantium bigarade</i>	
Cultivation:	100% Organic	
Product Code/Lot Number:	EO4521-KAEN	
Material:	Peel	
Country of Origin:	Egypt	
Date of Production:	November 15, 2023	
Expiration Date:	November 15, 2026	
Ingredient Deck: 100% Organic Petitgrain Bigarade Essential Oil		
Specification	Expected	Result
Color:	Yellow, viscous liquid	PASSED
Odor:	Distinctly fresh, slightly bitter	PASSED
Appearance:	Mobile liquid	PASSED
Specific Gravity at 20°C	0.88100 to 0.89200	0.89110
Refractive Index at 20°C	1.45500 to 1.46200	1.4576
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	Linalyl Acetate	43.80%
	Linalool	28.74%
	d-Limonene	7.96%
	Alpha Terpineol	4.98%
	Geranyl Acetate	3.67%
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>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>		