

**CERTIFICATE OF ANALYSIS**

**Product** : Lime Essential Oil Expressed  
 Lot No : 90025A10723  
 Manufacturing Date : May, 2023  
 Best Before : June, 2025

<b><u>Properties</u></b>	<b><u>Specifications</u></b>	<b><u>Results</u></b>
Appearance	: Clear, pale yellow to yellowish green liquid.	Complies
Odor	: Characteristic odor	Complies
Specific Gravity	: 0.8510 to 0.8610 @20°C	0.8565
Refractive Index	: 1.4700 to 1.4800 @20°C	1.4744
Optical Rotation	: +55° to +75°	59.48
Limonene	: 63.0 - 70.0	64.56
Alpha-pinene	: -----	1.09
α-Terpineol	: -----	4.86
Beta Pinene	: -----	1.764
γ-terpinene	: -----	8.06
Terpinolene	: -----	7.60