

## **Certificate of Analysis**

Date: December 15, 2022

Product: Lemongrass Essential Oil

Lot/Batch Number: LEMG221214

Best Before: June 2024

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Pale Yellow to Yellowish Brown Liquid	Complies
Odour	Characteristic citral Odour	Complies
Solubility	Insoluble in Water	Complies
Specific Gravity @25°C	0.8850 - 0.9040	0.8915
Optical Rotation @25°C	-3.0° to +2.0°	-2.13
Refractive Index @25°C	1.4790 – 1.4890	1.4843
Citral Content %	65 – 75	71.88
Geraniol %	3 – 9.5	7.91
Geranyl Acetate %	2.0 – 5.5	4.10

**Storage and Handling:** Shelf life is dependent on exposure to light/air and general good conditions. Products stored in adverse conditions will deteriorate faster. Products stored in ideal conditions away from light and moisture may last substantially longer. Retest date reflects absolute minimum period of time that product should remain in good useable condition.

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