

Certificate of Analysis

Date: October 6, 2022

Product: Clove Bud Essential Oil

Lot/Batch Number: CLVB211206

Best Before: December 2022

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Yellowish-brown to dark brown Liquid	Complies
Odour	Characteristic	Complies
Solubility	Soluble in 1:1.5 (v/v) 70% ethanol	Complies
Specific Gravity @25°C	1.025 – 1.065	1.051
Refractive Index @20°C	1.525 – 1.545	1.534
Eugenol Content %	75 – 85	82.39
Optical Rotation @25°C	-3 to 0	-0.35
Eugenol acetate %	8 – 15	8.22
B-caryophyllene	MIN 2 %	6.82

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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