

Certificate of Analysis

Date: January 30, 2024

Product: Clove Bud Essential Oil

Lot/Batch Number: CLVB230822

Best Before: October 2024

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Colourless to yellow	Complies
Odour	Spicy, sweet, fermented, and woody odour	Complies
Solubility	Soluble in 1:1.5 (v/v) 70% ethanol	Complies
Specific Gravity @25°C	1.035 – 1.065	1.053
Refractive Index @20°C	1.525 – 1.545	1.535
Eugenol Content %	75 – 83	81.17
Optical Rotation @25°C	-1.5 to 0	-0.9
Eugenol acetate %	4 – 10	9.26
B-caryophyllene %	4 – 12	6.48

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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