

## CERTIFICATE OF ANALYSIS

**Product** : Clove Bud (Indonesia) Essential Oil

**Manufacturing Date** : December, 2023

<b><u>Properties</u></b>	<b><u>Specifications</u></b>	<b><u>Results</u></b>
Appearance	: Colorless to yellow liquid	Complies
Odor	: Spicy, sweet, fermented and woody odor	Complies
Solubility	: Soluble in 1:1.5 ( v/v) 70%ethanol.	Complies
Specific Gravity	: 1.0400 - 1.0600 @ 25°C	1.0513@ 25°C
Refractive Index	: 1.5300 - 1.5420 @ 20°C	1.5352@ 20°C
Eugenol Content	: 78 - 84 %	82.96 %
Eugenol acetate	: 8- 10 %	9.15 %
B-caryophyllene	: 5.80 - 10.00 %	9.15 %

This is an electronically generated document and does not require a signature.

**Storage:** Store in air tight containers; in a cool dry area; away from direct sunlight.

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