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## **Certificate of Analysis**

Product: Clove bud Essential Oil  
Botanical name: *Eugenia caryophyllata*  
Country of Origin: Indonesia  
Batch number: VAN/18-06XII/4  
Re-test date: 01-DEC-2021

<b>Parameters</b>	<b>Specification</b>	<b>Results</b>
Colour	Yellowish brown to dark brown	Complies
Odour	Harsh, phenolic, slightly sweet note	Complies
Specific gravity / (g/cm <sup>3</sup> ) @20°C	1.025 – 1.061	1.053
Refractive index @ 20°C	1.525 – 1.545	1.535
Optical Rotation @ 20°C	-3 to 0	-.80°
Purity by GLC %		
Eugenol	>78	82.49
B-Caryophyllene	<17	6.62
Eugenyl Acetate	>7.5	8.39

### Storage:

Store in well-filled, tightly sealed containers, in a cool dry place, away from direct sunlight. Avoid contact with iron.

This document is a computer generated certificate of analysis and does not require a signature.