

Certificate of Analysis

Product: Clove Leaf Rectified Oil (Indonesia)
Botanical Name: *Eugenia caryophyllata*
Origin: Indonesia
Plant Part used: Leaf
Extraction: Steam Distillation

Physical data	<u>Specification</u>²	<u>Result</u> (*)
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale straw to light golden yellow	Complies
Odour:	Typical clove	Complies
Specific Gravity at 20°C:	1.0190 to 1.0560	1.046
Refractive index at 20°C:	1.5310 to 1.5369	1.535
Optical Rotation:	+5.00 ⁰ to -5.00 ⁰	-0.75 ⁰

Chromatographic Profile

Sample	Component	Specification Peak Area¹ (%)	Result Peak Area¹ (%)
<i>Eugenia caryophyllata</i>	Eugenol	Min 80	82.73
	b-Caryophyllene	Trace to 20	14.88