

### Certificate of Analysis

**Name of Product:** Clove Bud Essential Oil  
**Batch Number:** BBB2430  
**Country of Origin:** Indonesia  
**INCI Name:** Eugenia Caryophyllus Bud Oil

Test	Standards/Methods	Results
Description	Clear mobile liquid	Complies
Colour	Yellow	Complies
Odour	Clove. Spicy character	Complies
Specific Gravity at 25°C	1.030 to 1.063	1.0533
Refractive Index at 25°C	1.528 to 1.537	1.5334
Optical Rotation	-1.70° to +1.70°	+1°
Storage	Store in a cool, dark area and leave in sealed container.	

Component Present	GC Value	Specification
Eugenol	85.0%	75 to 85%
Eugenyl acetate	6.7%	5 to 15%
beta-Caryophyllene	5.7%	2 to 10%
Humulene	0.9%	0 to 5%
Methyl Eugenol	0.05%	Less than 0.4%