

Certificate of Analysis		
Product Name:	Clove Bud Organic	
Latin Binomial/INCI:	Syzygium aromaticum	
Cultivation:	100% Organic, Fair Trade	
Product Code/Lot Number:	3251-AAEK	
Material:	Flower Buds	
Country of Origin:	Sri Lanka	
Date of Production:	January 15, 2021	
Expiration Date:	January 15, 2024	
Ingredient Deck: 100% Clove Bud Essential Oil		
Specification	Expected	Result
Color:	Colorless to pale yellow	PASSED
Odor:	Strong, spicy, characteristic aroma	PASSED
Appearance:	Transparent liquid	PASSED
Specific Gravity 20°C:	1.042 – 1.070	1.050
Refractive Index 20°C:	1.5250 – 1.5450	1.5322
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	Eugenol	75.38%
	Eugenyl Acetate	7.89%
	Beta Caryophyllene	6.72%
	Dihydro-Eugenol	1.71%
	Alpha Humulene	0.46%
GRAS	LISTED	PASSED
No GMO Materials Used:	NONE	PASSED
No Sewage Sludge:	NONE	PASSED
No Ionizing Radiation:	NONE	PASSED
STORE IN TIGHT CONTAINERS IN A COOL PLACE (60 TO 78°F), PROTECTED FROM LIGHT.		
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