

Certificate of Analysis		
Product Name:	Organic Cardamom CO2 Essential Oil	
Latin Binomial/INCI:	Elettaria cardamomum	
Cultivation:	100% Organic	
Product Code/Lot Number:	3203-AACN	
Material:	Seed	
Country of Origin:	Tanzania	
Date of Production:	January 13, 2023	
Expiration Date:	January 13, 2026	
Ingredient Deck: 100% Organic Cardamom Seed CO2 Essential Oil		
Specification	Expected	Result
Color:	Deep yellow	PASSED
Odor:	Characteristic	PASSED
Appearance:	Mobile Liquid	PASSED
Specific Gravity 20°C:	1.468 – 1.472	1.469
Refractive Index 20°C:	0.924 – 0.944	0.936
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	Alpha-terpinyl Acetate	41.24%
	1.8 Cineole	24.73%
	Linalyl Acetate	7.09%
	Sabinene	3.38%
	Linalool	2.30%
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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