



CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Cardamom	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Elettaria cardamomum	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):	true cardamom	TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Elletaria cardamom seed oil		
CAS TSCA:	8000-66-6	HS CODE:	3301.29
CAS EINECS:	85940-32-5	EINECS:	
FEMA:	2241	COE:	180n
COUNTRY OF ORIGIN:	India	FDA CODE:	182.2
PRODUCTION TYPE:	Certified Organic	Certified organic by Ecocert Canada	
PRODUCTION METHOD:	Steam distilled	 	
PART DISTILLED:	Fruits		
LOT NUMBER:	EAB353227IN32526A		
PRODUCTION DATE:	03/2026		
EXPIRATION DATE:	03/2031		

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Free flowing liquid; colorless to pale yellow</i>	<i>Complies</i>
ODOR	<i>Characteristic odor of cardamom</i>	<i>Complies</i>
SOLUBILITY	<i>Partially soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.919 – 0.936 @ 20°C</i>	<i>0.928</i>
OPTICAL ROTATION:	<i>+16.0 – +41.0 @ 20°C</i>	<i>+29.26°</i>
REFRACTIVE INDEX:	<i>1.458 – 1.468 @ 20°C</i>	<i>1.464</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

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