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Wholesale Botanics
5900 NE 88th Street
Vancouver, WA 98229
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Wholesale Botanics, Inc.

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SUPPLIER NAME & LOCATION WHOLESALEBOTANICS.COM, INC – 5900 NE 88th Street, Vancouver WA 98229
ATTENTION: Quality Control & Records
EMAIL: quality@wholesalebotanics.com
INGREDIENT NAME: Cardamom Essential Oil
DATE OF GOODS RECEIVED: 11/14/2023
LOT NUMBER: HMSEA11142023

CERTIFICATE OF ANALYSIS

Analytical Data

Product Name	Cardamom Essential Oil	Criterion of detection	Pharmacopoeia
Batch number	CDMHMCECINC001A		
Botanical name	Elettaria cardamomum	Expiry date	11/14/2026
Parts Used	Seed	Extraction Method	Steam Distilled

Item	Standard	Result
Appearance	Colorless to pale yellow liquid	Colorless to pale yellow liquid
Smell	Unique aroma of cardamom	Unique aroma of cardamom
20°C Relative Density	0.907 to 0.947	0.9228
20°C Refractive Index	1.442 to 1.466	1.466
Optical rotation	+21° to +44°	+24°