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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: WHOLESALBOTANICS.COM, INC – 5900 NE 88th Street, Vancouver WA 98229
ATTENTION: Quality Control & Records
EMAIL: quality@wholesalebotanics.com
INGREDIENT NAME: Ginger Root Essential Oil
DATE OF GOODS RECEIVED: 03/10/2023
LOT NUMBER: unvair03102023

CERTIFICATE OF ANALYSIS

Analytical Data

Product Name	Ginger Root Essential Oil	Criterion of detection	Pharmacopoeia
Batch number	GIRUNAZOINC001A		
Botanical name	Zingiber officinale	Expiry date	03/10/2026
Parts Used	Root	Extraction Method	Steam Distilled

Item	Standard	Result
Appearance	Light yellow to yellow clear liquid	Light yellow to yellow clear liquid
Smell	Unique aroma of ginger	Unique aroma of ginger
20°C Relative Density	0.8700 - 0.8820	0.8815
20°C Refractive Index	1.4880 - 1.4940	1.4936
Optical rotation	- 280° to -470°	-37°