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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: Grapefruit Essential Oil
DATE OF GOODS RECEIVED: 11/14/2022
LOT NUMBER: FW11142022

CERTIFICATE OF ANALYSIS

Analytical Data

Product Name	Grapefruit Essential Oil	Criterion of detection	Pharmacopoeia
Batch number	GRFFWUCPUNC002A		
Botanical name	Citrus paradisi	Expiry date	11/14/2025
Parts Used	Rind	Extraction Method	Steam Distilled

Item	Standard	Result
Appearance	Light yellow to clear liquid	Light yellow to clear liquid
Smell	Unique aroma of grapefruit	Unique aroma of grapefruit
20°C Relative Density	0.848 - 0.861	0.853
20°C Refractive Index	1.465 - 1.485	1.476
Optical rotation	+90° to +00°	+93.36°