

Joe Aitken
Business Operations
Phone: 855-999-0444



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: Black Pepper Essential Oil
DATE OF GOODS RECEIVED: 11/14/2023
LOT NUMBER: HMSEA11142023

CERTIFICATE OF ANALYSIS

Analytical Data

Product Name	Black Pepper Essential Oil	Criterion of detection	Pharmacopoeia
Batch number	PEBHMBPNINC001A		
Botanical name	Piper Nigrum	Expiry date	11/14/2026
Parts Used	Peppercorns	Extraction Method	Steam Distilled

Item	Standard	Result
Appearance	Colorless to light greenish yellow liquid	Colorless to light greenish yellow liquid
Smell	Unique aroma of pepper	Unique aroma of pepper
20°C Relative Density	0.864 to 0.884	0.8731
20°C Refractive Index	1.470 to 1.488	1.4835
Optical rotation	-10° to -23°	-15.5°