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Wholesale Botanics
10227 Southard Dr,
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Wholesale Botanics, Inc.

SUPPLIER NAME: WHOLESale BOTANICS, INC
EMAIL: compliance@wholesalebotanics.com
PRODUCT NAME: Black Pepper Essential Oil
MANUFACTURE DATE: 07/31/2023
LOT NUMBER: HMS06192024

CERTIFICATE OF ANALYSIS

Analytical Data

Botanical Name	Piper nigrum	Criterion of Detection	Pharmacopoeia
CAS Number	8006 - 82- 4	Batch Number	PEBHMBPNINC002A
Parts Used	Berry	Best By	01/27/2027
Extraction Method	Steam Distilled	Ingredients	Piper nigrum (Black Pepper) Oil

Item	Result	Standard
Appearance	Complies	Yellow liquid
Smell	Complies	Spicy, Warm, Woodsy
20°C Relative Density/Specific Gravity	0.873	0.864 - 0.884
20°C Refractive Index	1.484	1.470 - 1.488
20°C Optical Rotation	- 15.5°	- 1° to - 23°