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Wholesale Botanics  
5900 NE 88<sup>th</sup> Street  
Vancouver, WA 98229  
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## Wholesale Botanics, Inc.

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Vancouver, WA 98229

**SUPPLIER NAME & LOCATIC** WHOLESALEBOTANICS.COM, INC – 5900 NE 88<sup>th</sup> Street, Vancouver WA 98229  
**ATTENTION:** Quality Control & Records  
**EMAIL:** quality@wholesalebotanics.com  
**INGREDIENT NAME:** Organic Fir Needle Essential Oil  
**DATE OF GOODS RECEIVED:** 11/18/2024  
**LOT NUMBER:** QGDOM01182024

## CERTIFICATE OF ANALYSIS

### Analytical Data

<b>Product Name</b>	Organic Fir Needle Essential Oil	<b>Criterion of detection</b>	Pharmacopoeia
<b>Batch number</b>	FIRQGAABCAO001A		
<b>Botanical name</b>	Abies balsamea	<b>Expiry date</b>	11/18/2027
<b>Parts Used</b>	Needles and twigs	<b>Extraction Method</b>	Steam Distilled

<b>Item</b>	<b>Standard</b>	<b>Result</b>
Appearance	Colorless to yellow liquid	Colorless to yellow liquid
Smell	Unique aroma of fir needle	Unique aroma of fir needle
20°C Relative Density	0.86000 to 0.88500	0.86700
20°C Refractive Index	1.46000 to 1.48500	1.47413
Optical rotation	-35.00 to -15.00°	-25.60°