

CERTIFICATE OF ANALYSIS

Product: Angelica Root CO₂ Essential Oil

Lot No.: 11285A153

Best Before: April, 2023

Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Reddish brown, clear liquid.	Complies
Odor:	Strong characteristic odor.	Complies
Solubility:	Soluble in ethanol, fatty oils and fat soluble organic solvents. Insoluble in water.	Complies
Refractive Index:	1.500 to 1.5350 @ 20°C	Complies
Specific Gravity:	1.0150 to 1.0550 @ 25°C	Complies
Moisture:	≤ 1.0%	Complies
Ligustillide:	≥ 60%	Complies
Heavy Metals:	< 10ppm	Complies

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario.

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CERTIFICATE OF ANALYSIS

Product: Angelica Root CO₂ Essential Oil

Lot No.: 11285A142

Best Before: March, 2022

Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Reddish brown, clear liquid.	Complies
Odor:	Strong characteristic odor.	Complies
Solubility:	Soluble in ethanol, fatty oils and fat soluble organic solvents. Insoluble in water.	Complies
Refractive Index:	1.500 to 1.5350 @ 20°C	Complies
Specific Gravity:	1.0150 to 1.0550 @ 25°C	Complies
Moisture:	≤ 1.0%	Complies
Ligustilide:	≥ 60%	Complies
Heavy Metals:	< 10ppm	Complies

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CERTIFICATE OF ANALYSISProduct: Angelica Root CO₂ Essential Oil

Lot No.: 11285A151

Best Before: April, 2021

Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Reddish brown, clear liquid.	Complies
Odor:	Strong characteristic odor.	Complies
Solubility:	Soluble in ethanol, fatty oils and fat soluble organic solvents. Insoluble in water.	Complies
Refractive Index:	1.500 to 1.5350 @ 20°C	1.5167
Specific Gravity:	1.0150 to 1.0550 @ 25°C	Complies
Moisture:	≤ 1.0%	Complies
Ligustilide:	≥ 60%	Complies
Heavy Metals:	< 10ppm	Complies

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