

CERTIFICATE OF ANALYSIS

Product: Fennel Organic Essential Oil

Lot No.: 50063A021, 50063B021

Best Before: May, 2021

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Pale yellow to yellow liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.953 to 0.973 @ 20°C	0.963
Refractive Index:	1.532 to 1.543 @ 20°C	1.5347
Optical Rotation:	+12° to +24° @ 20°C	+12.43°
trans-Anethole:	67 – 75 %	Complies
Fenchone:	12 – 15 %	Complies
Estragole:	2 – 4 %	Complies

Disclaimer & Caution

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CERTIFICATE OF ANALYSIS

Product: Fennel Organic Essential Oil

Lot No.: 50063 - A02,B02

Best Before: May, 2020

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Pale yellow to yellow liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.953 to 0.973 @ 20°C	0.965
Refractive Index:	1.532 to 1.543 @ 20°C	1.535
Optical Rotation:	+12° to +24° @ 20°C	+12.1°
trans-Anethole:	67 - 75 %	71.1
Fenchone:	12 - 15 %	13.1
Estragole:	2 - 4 %	3.5

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CERTIFICATE OF ANALYSIS

Product: Fennel Organic Essential Oil

Lot No.: 50063 - A01

Best Before: December, 2019

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Pale yellow to yellow liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.953 to 0.973 @ 20°C	0.963
Refractive Index:	1.532 to 1.543 @ 20°C	1.533
Optical Rotation:	+12° to +24° @ 20°C	+17.5°
trans-Anethole:	67 - 75 %	70.8
Fenchone:	12 - 15 %	13.3
Estragole:	2 - 4 %	3.6

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