

## CERTIFICATE OF ANALYSIS

Product: Fennel Organic Essential Oil

Lot No.: 50063A103201

Best Before: March, 2023

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	Complies
Refractive Index:	1.532 to 1.543 @ 20°C	Complies
Optical Rotation:	+12° to +24° @ 20°C	Complies
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.: 50063A022, 50063B022

Best Before: May, 2022

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	Complies
Refractive Index:	1.532 to 1.543 @ 20°C	Complies
Optical Rotation:	+12° to +24° @ 20°C	Complies
trans-Anethole:	67 – 75 %	Complies
Fenchone:	12 – 15 %	Complies
Estragole:	2 – 4 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Fennel Organic Essential Oil

Lot No.: 50063A10320

Best Before: March, 2022

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	0.964
Refractive Index:	1.532 to 1.543 @ 20°C	1.535
Optical Rotation:	+12° to +24° @ 20°C	+13.370°
trans-Anethole:	67 – 75 %	73.1
Fenchone:	12 – 15 %	12.7
Estragole:	2 – 4 %	3.5

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