

CERTIFICATE OF ANALYSIS

Product: Lavandin Essential Oil - Organic

Lot #: 50051-A11,B11,C11

Best Before: August, 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 clear liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.891 to 0.910 @ 20°C	0.8959
Refractive Index:	1.450 to 1.468 @ 20°C	1.4590
Optical Rotation:	-9.0° to -2.0° @ 20°C	-4°
Linalool:	24 - 37 %	27.4 %
Linalyl Acetate:	25 - 38 %	33.1 %
Camphor:	4 - 10 %	7.4 %

**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.

CERTIFICATE OF ANALYSIS

Product: Lavandin Essential Oil - Organic

Lot #: 50051-A10

Best Before: August, 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 clear liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.891 to 0.910 @ 20°C	0.8959
Refractive Index:	1.450 to 1.468 @ 20°C	1.4590
Optical Rotation:	-9.0° to -2.0° @ 20°C	-4°
Linalool:	24 - 37 %	27.4 %
Linalyl Acetate:	25 - 38 %	33.1 %
Camphor:	4 - 10 %	7.4 %

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CERTIFICATE OF ANALYSIS

Product: Lavandin Essential Oil - Organic

Lot #: 50051-A09

Best Before: August, 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 clear liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.891 to 0.910 @ 20°C	0.8920
Refractive Index:	1.450 to 1.468 @ 20°C	1.4580
Optical Rotation:	-9.0° to -2.0° @ 20°C	-3°
Linalool:	24 - 37 %	30.8 %
Linalyl Acetate:	25 - 38 %	36.2 %
Camphor:	4 - 10 %	7.4 %

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## CERTIFICATE OF ANALYSIS

**Product:** Lavandin Essential Oil - Organic

**Lot #:** 50051-A08

**Best Before:** August, 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 clear liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.891 to 0.910 @ 20°C	0.8938
Refractive Index:	1.450 to 1.468 @ 20°C	1.4590
Optical Rotation:	-9.0° to -2.0° @ 20°C	-4°
Linalool:	24 - 37 %	33.5 %
Linalyl Acetate:	25 - 38 %	32.1 %
Camphor:	4 - 10 %	7.2 %

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CERTIFICATE OF ANALYSIS

Product: Lavandin Essential Oil - Organic

Lot #: 50051-A07

Best Before: August, 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 clear liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.891 to 0.910 @ 20°C	0.8938
Refractive Index:	1.450 to 1.468 @ 20°C	1.4590
Optical Rotation:	-9.0° to -2.0° @ 20°C	-4°
Linalool:	24 - 37 %	33.5 %
Linalyl Acetate:	25 - 38 %	32.1 %
Camphor:	4 - 10 %	7.2 %

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CERTIFICATE OF ANALYSIS

Product: Lavandin Essential Oil - Organic

Lot #: 50051-A06

Best Before: August, 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 clear liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.891 to 0.910 @ 20°C	0.8938
Refractive Index:	1.450 to 1.468 @ 20°C	1.4590
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