

CERTIFICATE OF ANALYSIS

Product: Lime Organic Essential Oil

Lot No.: 50056A11020

Best Before: January,2023

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid.	Complies
Odor:	Characteristic lime odor with camphoraceous note.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.8500 to 0.8800 @ 20°C	0.8612
Refractive Index:	1.4600 to 1.4900 @ 20°C	1.4738
Optical Rotation:	+1.0° to +60° @ 20°C	+39.49°
Limonene:	45 - 52 %	47.50 %
γ-Terpinolene:	10 - 15 %	11.82 %

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: Lime Organic Essential Oil

Lot No.: 50056A10620

Best Before: May, 2022

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid.	Complies
Odor:	Characteristic lime odor with camphoraceous note.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.8500 to 0.8800 @ 20°C	0.8614
Refractive Index:	1.4600 to 14900 @ 20°C	1.4738
Optical Rotation:	+1.0° to +60° @ 20°C	+39.79°
Limonene:	45 - 52 %	47.42 %
γ-Terpinolene:	10 - 15 %	13.64 %

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: Lime Organic Essential Oil

Lot No.: 50056A011

Best Before: May, 2022

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to yellow clear liquid.	Complies
Odor:	Characteristic lime odor with camphoraceous note.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.8510 - 0.8800 @ 20°C	Complies
Refractive Index:	1.4691 - 14880 @ 25°C	Complies
Optical Rotation:	+1.0° to +60° @ 25°C	Complies
Limonene:	45.0 - 50 %	Complies
γ-Terpinene:	10.5 - 14.5 %	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.

CERTIFICATE OF ANALYSIS

Product: Lime Organic Essential Oil

Lot No.: 50056A10719

Best Before: January, 2022

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid.	Complies
Odor:	Characteristic lime odor with camphoraceous note.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.8500 to 0.8800 @ 20°C	0.8613
Refractive Index:	1.4600 to 14900 @ 20°C	1.4752
Optical Rotation:	+1.0° to +60° @ 20°C	+39.56°
Limonene:	45 - 52 %	47.66 %
γ-Terpinolene:	10 - 15 %	13.33 %

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: Lime Organic Essential Oil
Lot No.: 50056-A05,B05,C05,D05,E05,F05,G05,H05
Best Before: December, 2020

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to yellow clear liquid.	Complies
Odor:	Characteristic lime odor with camphoraceous note.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.8510 - 0.8800 @ 20°C	0.8610
Refractive Index:	1.4691 - 14880 @ 25°C	1.4721
Optical Rotation:	+1.0° to +60° @ 25°C	+18.15°
Limonene:	45.0 - 50 %	48.35 %
γ-Terpinene:	10.5 - 14.5 %	11.75 %

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.