

## CERTIFICATE OF ANALYSIS

Product: Oat Carrier Oil  
 Lot #: 15074C11120  
 Best Before: November, 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:	Clear yellow to brown liquid.	Complies
Odor:	Characteristic oat odor.	Complies
Saponification:	185 – 200	190.8
Peroxide Value:	< 12 meq/kg	4.3
Free Fatty Acids:	< 5 %	2.5
Palmitic Acid:	14.2 – 15.2 %	14.36
Oleic Acid:	39.7 – 42.9 %	42.9
Linoleic Acid:	> 36.0 %	37.31
Stearic Acid:	1.5 – 1.9 %	1.76
$\alpha$ -Linolenic Acid:	> 1.0 %	1.27

### 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: Oat Carrier Oil  
 Lot #: 15074B10920  
 Best Before: September, 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:	Clear yellow to brown liquid.	Complies
Odor:	Characteristic oat odor.	Complies
Saponification:	185 - 200	190.8
Peroxide Value:	< 12 meq/kg	4.3
Free Fatty Acids:	< 5 %	2.5
Palmitic Acid:	14.2 - 15.2 %	14.36
Oleic Acid:	39.7 - 42.9 %	42.9
Linoleic Acid:	> 36.0 %	37.31
Stearic Acid:	1.5 - 1.9 %	1.76
$\alpha$ -Linolenic Acid:	> 1.0 %	1.27

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## CERTIFICATE OF ANALYSIS

Product: Oat Carrier Oil  
 Lot #: 15074A10819  
 Best Before: August, 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:	Clear yellow to brown liquid.	Complies
Odor:	Characteristic oat odor.	Complies
Saponification:	185 - 200	194
Peroxide Value:	< 12 meq/kg	3.6
Free Fatty Acids:	< 5 %	2.34
Palmitic Acid:	14.2 - 15.2 %	14.85
Oleic Acid:	39.7 - 42.9 %	41.64
Linoleic Acid:	> 36.0 %	38.40
Stearic Acid:	1.5 - 1.9 %	1.69
$\alpha$ -Linolenic Acid:	> 1.0 %	1.29

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## CERTIFICATE OF ANALYSIS

Product: Oat Carrier Oil  
 Lot #: 15074 -A17  
 Best Before: November, 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:	Clear yellow to brown liquid.	Complies
Odor:	Characteristic oat odor.	Complies
Saponification:	185 – 200	194
Peroxide Value:	< 12 meq/kg	3.6
Free Fatty Acids:	< 5 %	2.34
Palmitic Acid:	14.2 – 15.2 %	14.85
Oleic Acid:	39.7 – 42.9 %	41.64
Linoleic Acid:	> 36.0 %	38.40
Stearic Acid:	1.5 – 1.9 %	1.69
$\alpha$ -Linolenic Acid:	> 1.0 %	1.29

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## CERTIFICATE OF ANALYSIS

Product: Oat Carrier Oil

Lot #: 15074 -A16

Best Before: October, 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:	Clear yellow to brown liquid.	Complies
Odor:	Characteristic oat odor.	Complies
Saponification:	185 – 200	194
Peroxide Value:	< 12 meq/kg	5.5
Free Fatty Acids:	< 5 %	2.38
Palmitic Acid:	14.2 – 15.2 %	14.73
Oleic Acid:	39.7 – 42.9 %	41.93
Linoleic Acid:	> 36.0 %	38.08
Stearic Acid:	1.5 – 1.9 %	1.76
$\alpha$ -Linolenic Acid:	> 1.0 %	1.23

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## CERTIFICATE OF ANALYSIS

Product: Oat Carrier Oil

Lot #: 15074 -A15,B15

Best Before: March, 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:	Clear yellow to brown liquid.	Complies
Odor:	Characteristic oat odor.	Complies
Saponification:	185 – 200	194
Peroxide Value:	< 12 meq/kg	6.9
Free Fatty Acids:	< 5 %	2.30
Palmitic Acid:	14.2 – 15.2 %	14.57
Oleic Acid:	39.7 – 42.9 %	42.03
Linoleic Acid:	36.0 – 39.8 %	38.22
Stearic Acid:	1.5 – 1.9 %	1.66
$\alpha$ -Linolenic Acid:	1.0 – 1.5 %	1.19

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## CERTIFICATE OF ANALYSIS

Product: Oat Carrier Oil  
 Lot #: 15074 -A14,B14,C14,D14  
 Best Before: January, 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:	Clear yellow to brown liquid.	Complies
Odor:	Characteristic oat odor.	Complies
Saponification:	185 – 200	194
Peroxide Value:	< 12 meq/kg	6.9
Free Fatty Acids:	< 5 %	2.30
Palmitic Acid:	14.2 – 15.2 %	14.57
Oleic Acid:	39.7 – 42.9 %	42.03
Linoleic Acid:	36.0 – 39.8 %	38.22
Stearic Acid:	1.5 – 1.9 %	1.66
$\alpha$ -Linolenic Acid:	1.0 – 1.5 %	1.19

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## CERTIFICATE OF ANALYSIS

Product: Oat Carrier Oil  
 Lot #: 15074 -A13-1,B13-1,C13-1,D13-1  
 Best Before: January, 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:	Yellow liquid.	Complies
Odor:	Characteristic odor.	Complies
Saponification:	185 – 200	Complies
Peroxide Value:	< 10 meq/kg	Complies
Free Fatty Acids:	< 5 %	Complies
Palmitic Acid:	14.5 – 15.0 %	Complies
Oleic Acid:	39.7 – 42.9 %	Complies
Linoleic Acid:	36.7 – 39.8 %	Complies
Stearic Acid:	1.5 – 1.8 %	Complies
$\alpha$ -Linolenic Acid:	1.2 – 1.5 %	Complies

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