

## CERTIFICATE OF ANALYSIS

**Product:** Apricot Kernel Carrier Oil  
**Lot #:** 15002A00119  
**Best Before:** January, 2021  
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear yellow liquid.	Complies
Odor:	Characteristic almost odorless.	Complies
Solubility:	Insoluble in water.	Complies
Acid Value:	< 0.5%	0.1
Peroxide Value:	< 5.0 meq O <sub>2</sub> /kg	2.6
Relative Density:	0.910 - 0.920 @ 20°C	0.915
Saponification Value:	185 - 195 mg KOH/g	189
Palmitic acid:	3.0 - 8.0 %	6.0
Palmitoleic acid:	< 1.5 %	0.7
Stearic acid:	< 3.5 %	2.7
Oleic acid:	58.0 - 72.0 %	62.0
Linoleic acid:	22.0 - 32.5 %	27.2
Linolenic acid:	< 0.8 %	0.2

### 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:** Apricot Kernel Carrier Oil  
**Lot #:** 15002A641  
**Best Before:** January, 2021  
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear yellow liquid.	Complies
Odor:	Characteristic almost odorless.	Complies
Solubility:	Insoluble in water.	Complies
Acid Value:	< 0.5%	Complies
Peroxide Value:	< 5.0 meq O <sub>2</sub> /kg	Complies
Relative Density:	0.910 - 0.920 @ 20°C	Complies
Saponification Value:	185 - 195 mg KOH/g	Complies
Palmitic acid:	3.0 - 8.0 %	Complies
Palmitoleic acid:	< 1.5 %	Complies
Stearic acid:	< 3.5 %	Complies
Oleic acid:	58.0 - 72.0 %	Complies
Linoleic acid:	22.0 - 32.5 %	Complies
Linolenic acid:	< 0.8 %	Complies

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## CERTIFICATE OF ANALYSIS

**Product:** Apricot Kernel Carrier Oil  
**Lot #:** 15002- A64  
**Best Before:** May, 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:	Clear yellow liquid.	Complies
Odor:	Characteristic almost odorless.	Complies
Solubility:	Insoluble in water.	Complies
Acid Value:	< 0.5%	0.1
Peroxide Value:	< 5.0 meq O <sub>2</sub> /kg	1.3
Relative Density:	0.910 - 0.920 @ 20°C	0.910
Saponification Value:	185 - 195 mg KOH/g	189
Palmitic acid:	3.0 - 8.0 %	5.4
Palmitoleic acid:	< 1.5 %	0.2
Stearic acid:	< 3.5 %	3.0
Oleic acid:	58.0 - 72.0 %	65.1
Linoleic acid:	22.0 - 32.5 %	24.8
Linolenic acid:	< 0.8 %	0.2

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## CERTIFICATE OF ANALYSIS

**Product:** Apricot Kernel Carrier Oil

**Lot #:** 15002- A63

**Best Before:** March, 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:	Clear yellow liquid.	Complies
Odor:	Characteristic almost odorless.	Complies
Solubility:	Insoluble in water.	Complies
Acid Value:	< 0.5%	0.1
Peroxide Value:	< 5.0 meq O <sub>2</sub> /kg	2.8
Relative Density:	0.910 - 0.920 @ 20°C	0.912
Saponification Value:	185 - 195 mg KOH/g	189
Palmitic acid:	3.0 - 8.0 %	5.6
Palmitoleic acid:	< 1.5 %	0.4
Stearic acid:	< 3.5 %	2.9
Oleic acid:	58.0 - 72.0 %	63.4
Linoleic acid:	22.0 - 32.5 %	26.3
Linolenic acid:	< 0.8 %	0.2

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## CERTIFICATE OF ANALYSIS

**Product:** Apricot Kernel Carrier Oil  
**Lot #:** 15002- A62-1,B62-1,C62-1,D62-1,E62-1,F62-1,G62-1,H62-1,I62-1,J62-1  
**Best Before:** March, 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:	Pale yellow liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Acid Value:	< 0.5%	Complies
Peroxide Value:	< 5.0 meq O <sub>2</sub> /kg	Complies
Relative Density:	0.910 - 0.920 @ 20°C	0.920
Saponification Value:	185 - 195 mg KOH/g	Complies
Palmitic acid:	3.0 - 8.0 %	Complies
Palmitoleic acid:	< 1.5 %	Complies
Stearic acid:	< 3.5 %	Complies
Oleic acid:	58.0 - 72.0 %	Complies
Linoleic acid:	22.0 - 32.5 %	Complies
Linolenic acid:	< 0.8 %	Complies

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