

CERTIFICATE OF ANALYSIS

Product: Palm Carrier Oil (RBD)

Lot #: 15053B11119

Best Before: November, 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:	Pale yellow to yellow when liquid. White when solid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water. Soluble in alcohol, chloroform, ether.	Complies
Iodine Value:	50 - 55	Complies
Peroxide Value:	<1 meq/kg	Complies
Free Fatty Acid:	< 0.10 (as % Palmitic acid)	Complies
Moisture & Impurities:	< 0.10 %	Complies
Slip Melting Point:	36 - 39 °C	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: Palm Carrier Oil (RBD)

Lot #: 15053A10819

Best Before: October, 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:	Pale yellow to yellow when liquid. White when solid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water. Soluble in alcohol, chloroform, ether.	Complies
Iodine Value:	50 - 55	Complies
Peroxide Value:	<1 meq/kg	Complies
Free Fatty Acid:	< 0.10 (as % Palmitic acid)	Complies
Moisture & Impurities:	< 0.10 %	Complies
Slip Melting Point:	36 - 39 °C	Complies

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CERTIFICATE OF ANALYSIS

Product: Palm Carrier Oil (RBD)

Lot #: 15053A10720

Best Before: August,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:	Pale yellow to yellow when liquid. White when solid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water. Soluble in alcohol, chloroform, ether.	Complies
Iodine Value:	50 - 55	52.36
Peroxide Value:	<1 meq/kg	0.38
Free Fatty Acid:	< 0.10 (as % Palmitic acid)	0.066
Moisture & Impurities:	< 0.10 %	0.04
Slip Melting Point:	36 - 39 °C	37.6

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CERTIFICATE OF ANALYSIS

Product: Palm Carrier Oil (RBD)

Lot #: 15053A001181

Best Before: June, 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:	Pale yellow to yellow when liquid. White when solid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water. Soluble in alcohol, chloroform, ether.	Complies
Iodine Value:	50 - 55	Complies
Peroxide Value:	<1 meq/kg	Complies
Free Fatty Acid:	< 0.10 (as % Palmitic acid)	Complies
Moisture & Impurities:	< 0.10 %	Complies
Slip Melting Point:	36 - 39 °C	Complies

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CERTIFICATE OF ANALYSIS

Product: Palm Carrier Oil (RBD)

Lot #: 15053A00118

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:	Pale yellow to yellow when liquid. White when solid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water. Soluble in alcohol, chloroform, ether.	Complies
Iodine Value:	50 - 55	51.13
Peroxide Value:	<1 meq/kg	0.74
Free Fatty Acid:	< 0.10 (as % Palmitic acid)	0.054
Moisture & Impurities:	< 0.10 %	0.04
Slip Melting Point:	36 - 39 °C	38.2

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