

CERTIFICATE OF ANALYSIS

Product: Sesame Seed Extra Virgin Carrier Oil – Organic
Lot No.: 51018A105191
Best Before: May, 2022
 Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear and bright liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.915 to 0.925 @25°C	Complies
Saponification Value:	186 to 195 mg KOH/g	Complies
Iodine Value:	104 to 120 cgI/g	Complies
Peroxide Value:	<4.0 meg / kg	Complies
Free Fatty Acid:	<2.0 meg / kg	Complies
Palmitic Acid:	7.0 – 12.0 %	Complies
Stearic Acid:	3.5 – 6.0 %	Complies
Oleic Acid:	35.0 – 50.0 %	Complies
Linoleic Acid:	35.0 – 50.0 %	Complies
Linolenic Acid:	< 1.0 %	Complies

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: Sesame Seed Extra Virgin Carrier Oil – Organic
Lot No.: 51018A001192
Best Before: December, 2021
 Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear and bright liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.915 to 0.925 @25°C	Complies
Saponification Value:	186 to 195 mg KOH/g	Complies
Iodine Value:	104 to 120 cgI/g	Complies
Peroxide Value:	<4.0 meg / kg	Complies
Free Fatty Acid:	<2.0 meg / kg	Complies
Palmitic Acid:	7.0 – 12.0 %	Complies
Stearic Acid:	3.5 – 6.0 %	Complies
Oleic Acid:	35.0 – 50.0 %	Complies
Linoleic Acid:	35.0 – 50.0 %	Complies
Linolenic Acid:	< 1.0 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Sesame Seed Extra Virgin Carrier Oil – Organic
Lot No.: 51018B11119
Best Before: November, 2021
 Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear and bright liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.915 to 0.925 @25°C	Complies
Saponification Value:	186 to 195 mg KOH/g	192.88
Iodine Value:	104 to 120 cgI/g	113.36
Peroxide Value:	<4.0 meg / kg	1.1
Free Fatty Acid:	<2.0 meg / kg	1.58
Palmitic Acid:	7.0 – 12.0 %	9.74
Stearic Acid:	3.5 – 6.0 %	3.77
Oleic Acid:	35.0 – 50.0 %	41.15
Linoleic Acid:	35.0 – 50.0 %	44.09
Linolenic Acid:	< 1.0 %	0.35

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CERTIFICATE OF ANALYSIS

Product: Sesame Seed Extra Virgin Carrier Oil – Organic
Lot No.: 51018A10819
Best Before: August, 2021
 Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear and bright liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.915 to 0.925 @25°C	Complies
Saponification Value:	186 to 195 mg KOH/g	192.46
Iodine Value:	104 to 120 cgl/g	112.93
Peroxide Value:	<4.0 meg / kg	0.37
Free Fatty Acid:	<2.0 meg / kg	0.47
Palmitic Acid:	7.0 – 12.0 %	8.74
Stearic Acid:	3.5 – 6.0 %	4.06
Oleic Acid:	35.0 – 50.0 %	41.42
Linoleic Acid:	35.0 – 50.0 %	43.94
Linolenic Acid:	< 1.0 %	0.35

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CERTIFICATE OF ANALYSIS

Product: Sesame Seed Extra Virgin Carrier Oil – Organic
Lot No.: 51018A10519
Best Before: May, 2021
 Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear and bright liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.915 to 0.925 @25°C	Complies
Saponification Value:	186 to 195 mg KOH/g	192.85
Iodine Value:	104 to 120 cgl/g	111.90
Peroxide Value:	<4.0 meg / kg	1.5
Free Fatty Acid:	<2.0 meg / kg	0.83
Palmitic Acid:	7.0 – 12.0 %	10.28
Stearic Acid:	3.5 – 6.0 %	4.05
Oleic Acid:	35.0 – 50.0 %	39.99
Linoleic Acid:	35.0 – 50.0 %	43.60
Linolenic Acid:	< 1.0 %	0.45

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CERTIFICATE OF ANALYSIS

Product: Sesame Seed Extra Virgin Carrier Oil – Organic
Lot No.: 51018A001191
Best Before: May, 2021
 Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear and bright liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.915 to 0.925 @25°C	Complies
Saponification Value:	186 to 195 mg KOH/g	Complies
Iodine Value:	104 to 120 cgI/g	Complies
Peroxide Value:	<4.0 meg / kg	Complies
Free Fatty Acid:	<2.0 meg / kg	Complies
Palmitic Acid:	7.0 – 12.0 %	Complies
Stearic Acid:	3.5 – 6.0 %	Complies
Oleic Acid:	35.0 – 50.0 %	Complies
Linoleic Acid:	35.0 – 50.0 %	Complies
Linolenic Acid:	< 1.0 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Sesame Seed Extra Virgin Carrier Oil – Organic
Lot No.: 51018A00119
Best Before: February, 2021
 Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear and bright liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.915 to 0.925 @25°C	Complies
Saponification Value:	186 to 195 mg KOH/g	193.52
Iodine Value:	104 to 120 cgI/g	111.46
Peroxide Value:	<4.0 meg / kg	0.99
Free Fatty Acid:	<2.0 meg / kg	0.45
Palmitic Acid:	7.0 – 12.0 %	10.38
Stearic Acid:	3.5 – 6.0 %	4.35
Oleic Acid:	35.0 – 50.0 %	38.83
Linoleic Acid:	35.0 – 50.0 %	44.27
Linolenic Acid:	< 1.0 %	0.42

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CERTIFICATE OF ANALYSIS

Product: Sesame Seed Extra Virgin Carrier Oil – Organic
Lot No.: 51018A251
Best Before: December, 2020
 Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear and bright liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.915 to 0.925 @25°C	Complies
Saponification Value:	186 to 195 mg KOH/g	Complies
Iodine Value:	104 to 120 cgI/g	Complies
Peroxide Value:	<4.0 meg / kg	Complies
Free Fatty Acid:	<2.0 meg / kg	Complies
Palmitic Acid:	7.0 – 12.0 %	Complies
Stearic Acid:	3.5 – 6.0 %	Complies
Oleic Acid:	35.0 – 50.0 %	Complies
Linoleic Acid:	35.0 – 50.0 %	Complies
Linolenic Acid:	< 1.0 %	Complies

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