

CERTIFICATE OF ANALYSIS

Product: Macadamia Refined Carrier Oil

Lot No.: 15016B105201

Best Before: May, 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:	Pale yellow to golden yellow liquid.	Complies
Odor:	Slightly nutty odor.	Complies
Solubility:	Insoluble in water.	Complies
Relative Density:	0.905 - 0.920 @ 25°C	Complies
Refractive Index:	1.460 - 1.470 @ 20°C	Complies
Peroxide Value:	0 - 10 meq/kg	Complies
Acid Value:	0 - 0.5 mgKOH/g	Complies
Palmitic Acid:	5 - 11 %	Complies
Palmitoleic Acid:	15 - 30 %	Complies
Stearic Acid:	2.0 - 4.5 %	Complies
Oleic Acid:	50 - 70 %	Complies
Linoleic Acid:	1 - 8 %	Complies

Disclaimer & Caution

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CERTIFICATE OF ANALYSIS

Product: Macadamia Refined Carrier Oil

Lot No.: 15016A10321

Best Before: March, 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:	Pale yellow to golden yellow liquid.	Complies
Odor:	Slightly nutty odor.	Complies
Solubility:	Insoluble in water.	Complies
Relative Density:	0.905 - 0.920 @ 25°C	0.915
Refractive Index:	1.460 - 1.470 @ 20°C	1.468
Peroxide Value:	0 - 10 meq/kg	0.1
Acid Value:	0 - 0.5 mgKOH/g	0.11
Palmitic Acid:	5 - 11 %	8.4
Palmitoleic Acid:	15 - 30 %	24.2
Stearic Acid:	2.0 - 4.5 %	3.0
Oleic Acid:	50 - 70 %	53.8
Linoleic Acid:	1 - 8 %	2.9

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CERTIFICATE OF ANALYSIS

Product: Macadamia Refined Carrier Oil
Lot No.: 15016B11220
Best Before: December, 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 golden yellow liquid.	Complies
Odor:	Slightly nutty odor.	Complies
Solubility:	Insoluble in water.	Complies
Relative Density:	0.905 - 0.920 @ 25°C	0.916
Refractive Index:	1.460 - 1.470 @ 20°C	1.468
Peroxide Value:	0 - 10 meq/kg	0.2
Acid Value:	0 - 0.5 mgKOH/g	0.21
Palmitic Acid:	5 - 11 %	8.2
Palmitoleic Acid:	15 - 30 %	22.1
Stearic Acid:	2.0 - 4.5 %	3.0
Oleic Acid:	50 - 70 %	56.1
Linoleic Acid:	1 - 8 %	2.5

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CERTIFICATE OF ANALYSIS

Product: Macadamia Refined Carrier Oil
 Lot No.: 15016A10720
 Best Before: July, 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 golden yellow liquid.	Complies
Odor:	Slightly nutty odor.	Complies
Solubility:	Insoluble in water.	Complies
Relative Density:	0.905 - 0.920 @ 25°C	0.915
Refractive Index:	1.460 - 1.470 @ 20°C	1.467
Peroxide Value:	0 - 10 meq/kg	0.1
Acid Value:	0 - 0.5 mgKOH/g	0.16
Palmitic Acid:	5 - 11 %	8.5
Palmitoleic Acid:	15 - 30 %	22.4
Stearic Acid:	2.0 - 4.5 %	3.1
Oleic Acid:	50 - 70 %	55.9
Linoleic Acid:	1 - 8 %	2.6

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CERTIFICATE OF ANALYSIS

Product: Macadamia Refined Carrier Oil
Lot No.: 15016B10520
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:	Pale yellow to golden yellow liquid.	Complies
Odor:	Slightly nutty odor.	Complies
Solubility:	Insoluble in water.	Complies
Relative Density:	0.905 - 0.920 @ 25°C	0.915
Refractive Index:	1.460 - 1.470 @ 20°C	1.467
Peroxide Value:	0 - 10 meq/kg	0.1
Acid Value:	0 - 0.5 mgKOH/g	0.16
Palmitic Acid:	5 - 11 %	8.2
Palmitoleic Acid:	15 - 30 %	21.5
Stearic Acid:	2.0 - 4.5 %	3.2
Oleic Acid:	50 - 70 %	57.2
Linoleic Acid:	1 - 8 %	2.4

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CERTIFICATE OF ANALYSIS

Product: Macadamia Refined Carrier Oil
Lot No.: 15016A10220
Best Before: February, 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 golden yellow liquid.	Complies
Odor:	Slightly nutty odor.	Complies
Solubility:	Insoluble in water.	Complies
Relative Density:	0.905 - 0.920 @ 25°C	0.914
Refractive Index:	1.460 - 1.470 @ 20°C	1.467
Peroxide Value:	0 - 10 meq/kg	0.1
Acid Value:	0 - 0.5 mgKOH/g	0.07
Palmitic Acid:	5 - 11 %	8.3
Palmitoleic Acid:	15 - 30 %	22.3
Stearic Acid:	2.0 - 4.5 %	2.7
Oleic Acid:	55 - 65 %	58.1
Linoleic Acid:	1 - 8 %	2.1

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CERTIFICATE OF ANALYSIS

Product: Macadamia Refined Carrier Oil
Lot No.: 15016C132
Best Before: November, 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 golden yellow liquid.	Complies
Odor:	Slightly nutty odor.	Complies
Solubility:	Insoluble in water.	Complies
Relative Density:	0.910 - 0.930 @ 25°C	Complies
Refractive Index:	1.460 - 1.480 @ 20°C	Complies
Free Fatty Acids:	< 2.5 %	Complies
Saponification Value:	185 - 200 mg	Complies
Iodine Value:	65 - 85	Complies
Peroxide Value:	< 5 meq/kg	Complies
Acid Value:	< 1 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Macadamia Refined Carrier Oil
Lot No.: 15016B11119
Best Before: November, 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 golden yellow liquid.	Complies
Odor:	Slightly nutty odor.	Complies
Solubility:	Insoluble in water.	Complies
Relative Density:	0.905 - 0.920 @ 25°C	0.916
Refractive Index:	1.460 - 1.470 @ 20°C	1.468
Peroxide Value:	0 - 10 meq/kg	0.1
Acid Value:	0 - 0.5 mgKOH/g	0.27
Palmitic Acid:	5 - 11 %	8.5
Palmitoleic Acid:	15 - 30 %	19.4
Stearic Acid:	2.0 - 4.5 %	3.3
Oleic Acid:	55 - 65 %	58.8
Linoleic Acid:	1 - 8 %	2.5

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CERTIFICATE OF ANALYSIS

Product: Macadamia Refined Carrier Oil
Lot No.: 15016A10719
Best Before: July, 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 golden yellow liquid.	Complies
Odor:	Slightly nutty odor.	Complies
Solubility:	Insoluble in water.	Complies
Relative Density:	0.905 - 0.920 @ 25°C	0.916
Refractive Index:	1.460 - 1.470 @ 20°C	1.467
Peroxide Value:	0 - 10 meq/kg	0.1
Acid Value:	0 - 0.5 mgKOH/g	0.22
Palmitic Acid:	5 - 11 %	8
Palmitoleic Acid:	15 - 30 %	21.1
Stearic Acid:	2.0 - 4.5 %	2.6
Oleic Acid:	55 - 65 %	58.4
Linoleic Acid:	1 - 8 %	2.6

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