

CERTIFICATE OF ANALYSIS

Product: Pumpkin Seed Organic Carrier Oil

Lot No.: 51010A10720

Best Before: July, 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:	Pale yellow to yellow liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.9100 – 0.9300 @25°C	0.914
Moisture & Volatiles:	≤ 0.1 %	0.02
Acid Value:	≤ 2.0 mg KOH/g	0.42
Peroxide Value:	≤ 10 meq O ₂ / kg	0.96
Refractive Index:	1.4600 – 1.4850 @25°C	1.471
Unsaponification:	≤ 2.5 %	0.98
Saponification:	135 – 195 mg/g	193.75
Iodine value:	105 – 130 gI/100g	122.9
Linoleic Acid:	≥ 50 %	52.46
Oleic Acid:	15 – 38 %	27.97
Stearic Acid:	5 – 7 %	5.03
Palmitic Acid:	10 – 15 %	12.33

Disclaimer & Caution

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CERTIFICATE OF ANALYSIS

Product: Pumpkin Seed Organic Carrier Oil

Lot No.: 51010B11219

Best Before: December, 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:	Pale yellow to yellow liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.9100 – 0.9300 @25°C	0.914
Moisture & Volatiles:	≤ 0.1 %	0.02
Acid Value:	≤ 2.0 mg KOH/g	0.42
Peroxide Value:	≤ 10 meq O ₂ / kg	0.96
Refractive Index:	1.4600 – 1.4850 @25°C	1.471
Unsaponification:	≤ 2.5 %	0.96
Saponification:	135 – 195 mg/g	Complies
Iodine value:	105 – 130 gI/100g	122.9
Linoleic Acid:	≥ 50 %	52.46
Oleic Acid:	15 – 38 %	27.97
Stearic Acid:	5 – 7 %	5.03
Palmitic Acid:	10 – 15 %	12.33

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CERTIFICATE OF ANALYSIS

Product: Pumpkin Seed Organic Carrier Oil

Lot No.: 51010A10719

Best Before: July, 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:	Pale yellow to yellow liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.9100 – 0.9300 @25°C	0.9200
Moisture & Volatiles:	≤ 0.1 %	0.02
Acid Value:	≤ 2.0 mg KOH/g	0.35
Peroxide Value:	≤ 10 meq O ₂ / kg	2.74
Refractive Index:	1.4600 – 1.4850 @25°C	1.4743
Unsaponification:	≤ 2.5 %	1.1
Saponification:	135 – 195 mg/g	187.16
Iodine value:	105 – 130 gI/100g	124.82
Linoleic Acid:	≥ 50 %	61.65
Oleic Acid:	15 – 38 %	27.28
Stearic Acid:	5 – 7 %	5.63
Palmitic Acid:	10 – 15 %	12.39

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CERTIFICATE OF ANALYSIS

Product: Pumpkin Seed Organic Carrier Oil
Lot No.: 51010A10319
Best Before: March, 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:	Pale yellow to yellow liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.9100 – 0.9300 @25°C	0.9200
Moisture & Volatiles:	≤ 0.1 %	0.04
Acid Value:	≤ 2.0 mg KOH/g	0.35
Peroxide Value:	≤ 10 meq O ₂ / kg	1.55
Refractive Index:	1.4600 – 1.4850 @25°C	1.4730
Unsaponification:	≤ 2.5 %	0.31
Saponification:	135 – 195 mg/g	159.30
Iodine value:	105 – 130 gI/100g	122.54
Linoleic Acid:	≥ 50 %	55.51
Oleic Acid:	15 – 38 %	23.57
Stearic Acid:	5 – 7 %	6.03
Palmitic Acid:	10 – 15 %	12.66

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