

CERTIFICATE OF ANALYSIS

Product: Black Cumin Seed Organic Carrier Oil
Product Lot No: 51034B10620
Best Before: June, 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:	Pale amber to dark amber liquid with slightly greenish hue.	Complies
Odor:	Characteristic odor with mild spicy note.	Complies
Moisture (K.F):	≤ 0.1 %	0.09
Free Fatty Acid:	≤ 10 (% Oleic acid)	2.32
Acid Value:	≤ 20 mg KOH/g	4.64
Peroxide Value:	≤ 100 meq O ₂ /kg	98
Saponification Value:	180 – 210 mg KOH/g	201.0
Unsaponifiable Matter:	-----	0.78
Iodine Value:	-----	129.62
Specific Gravity:	0.910 – 0.935 @ 20°C	0.91
C16:0, Palmitic Acid:	8 – 15 %	12.4
C18:0, Stearic Acid:	< 5 %	3.380
C18:1, Oleic Acid:	18 – 30 %	24.9
C18:2, Linoleic acid:	50 – 65 %	56.14

Disclaimer & Caution

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CERTIFICATE OF ANALYSIS

Product: Black Cumin Seed Organic Carrier Oil
Product Lot No: 51034A082
Best Before: July, 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:	Pale amber to dark amber liquid with slightly greenish hue.	Complies
Odor:	Characteristic odor with mild spicy note.	Complies
Moisture (K.F):	≤ 0.1 %	Complies
Free Fatty Acid:	≤ 10 (% Oleic acid)	Complies
Acid Value:	≤ 20 mg KOH/g	Complies
Peroxide Value:	≤ 100 meq O ₂ /kg	Complies
Saponification Value:	180 - 210 mg KOH/g	Complies
Specific Gravity:	0.910 - 0.935 @ 20°C	Complies
C16:0, Palmitic Acid:	8 - 15 %	Complies
C18:0, Stearic Acid:	< 5 %	Complies
C18:1, Oleic Acid:	18 - 30 %	Complies
C18:2, Linoleic acid:	50 - 65 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Black Cumin Seed Organic Carrier Oil
Product Lot No: 51034A10320
Best Before: March, 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:	Pale amber to dark amber liquid with slightly greenish hue.	Complies
Odor:	Characteristic odor with mild spicy note.	Complies
Moisture (K.F):	≤ 0.1 %	0.06
Free Fatty Acid:	≤ 10 (% Oleic acid)	3.11
Acid Value:	≤ 20 mg KOH/g	6.19
Peroxide Value:	≤ 100 meq O ₂ /kg	96.1
Saponification Value:	180 – 210 mg KOH/g	198.0
Unsaponifiable Matter:	-----	0.81
Iodine Value:	-----	129.30
Specific Gravity:	0.910 – 0.935 @ 20°C	0.91
C16:0, Palmitic Acid:	8 – 15 %	12.35
C18:0, Stearic Acid:	< 5 %	3.421
C18:1, Oleic Acid:	18 – 30 %	24.076
C18:2, Linoleic acid:	50 – 65 %	56.337

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CERTIFICATE OF ANALYSIS

Product: Black Cumin Seed Organic Carrier Oil
Product Lot No: 51034A11019
Best Before: October, 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:	Pale amber to dark amber liquid with slightly greenish hue.	Complies
Odor:	Characteristic odor with mild spicy note.	Complies
Moisture (K.F):	≤ 0.1 %	0.06
Free Fatty Acid:	≤ 10 (% Oleic acid)	3.11
Acid Value:	≤ 20 mg KOH/g	6.19
Peroxide Value:	≤ 100 meq O ₂ /kg	96.1
Saponification Value:	180 – 210 mg KOH/g	198.0
Unsaponifiable Matter:	-----	0.54
Iodine Value:	-----	133.76
Specific Gravity:	0.910 – 0.935 @ 20°C	0.91
C16:0, Palmitic Acid:	8 – 15 %	12.350
C18:0, Stearic Acid:	< 5 %	3.421
C18:1, Oleic Acid:	18 – 30 %	24.076
C18:2, Linoleic acid:	50 – 65 %	56.337

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CERTIFICATE OF ANALYSIS

Product: Black Cumin Seed Organic Carrier Oil
Product Lot No: 51034A081
Best Before: July, 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:	Pale amber to dark amber liquid with slightly greenish hue.	Complies
Odor:	Characteristic odor with mild spicy note.	Complies
Moisture (K.F):	≤ 0.1 %	Complies
Free Fatty Acid:	≤ 10 (% Oleic acid)	Complies
Acid Value:	≤ 20 mg KOH/g	Complies
Peroxide Value:	≤ 100 meq O ₂ /kg	Complies
Saponification Value:	180 - 210 mg KOH/g	Complies
Unsaponifiable Matter:	-----	Complies
Iodine Value:	-----	Complies
Specific Gravity:	0.910 - 0.935 @ 20°C	Complies
C16:0, Palmitic Acid:	8 - 15 %	Complies
C18:0, Stearic Acid:	< 5 %	Complies
C18:1, Oleic Acid:	18 - 30 %	Complies
C18:2, Linoleic acid:	50 - 65 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Black Cumin Seed Organic Carrier Oil
Product Lot No: 51034A071
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:	Pale amber to dark amber liquid with slightly greenish hue.	Complies
Odor:	Characteristic odor with mild spicy note.	Complies
Moisture (K.F):	≤ 0.1 %	Complies
Free Fatty Acid:	≤ 10 (% Oleic acid)	Complies
Acid Value:	≤ 20 mg KOH/g	Complies
Peroxide Value:	≤ 100 meq O ₂ /kg	Complies
Saponification Value:	180 - 210 mg KOH/g	Complies
Unsaponifiable Matter:	-----	Complies
Iodine Value:	-----	Complies
Specific Gravity:	0.910 - 0.935 @ 20°C	Complies
C16:0, Palmitic Acid:	8 - 15 %	Complies
C18:0, Stearic Acid:	< 5 %	Complies
C18:1, Oleic Acid:	18 - 30 %	Complies
C18:2, Linoleic acid:	50 - 65 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Black Cumin Seed Organic Carrier Oil
Product Lot No: 51034A061, 51034B061, 51034C061, 51034D061
Best Before: March, 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:	Pale amber to dark amber liquid with slightly greenish hue.	Complies
Odor:	Characteristic odor with mild spicy note.	Complies
Moisture (K.F):	≤ 0.1 %	Complies
Free Fatty Acid:	≤ 10 (% Oleic acid)	Complies
Acid Value:	≤ 20 mg KOH/g	Complies
Peroxide Value:	≤ 100 meq O ₂ /kg	Complies
Saponification Value:	180 - 210 mg KOH/g	Complies
Unsaponifiable Matter:	-----	Complies
Iodine Value:	-----	Complies
Specific Gravity:	0.910 - 0.935 @ 20°C	0.917
C16:0, Palmitic Acid:	8 - 15 %	Complies
C18:0, Stearic Acid:	< 5 %	Complies
C18:1, Oleic Acid:	18 - 30 %	Complies
C18:2, Linoleic acid:	50 - 65 %	Complies

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