

CERTIFICATE OF ANALYSIS

Product: Grapeseed Carrier Oil
Lot No.: 15010A10920
Best Before: September, 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:	Light yellowish green to green liquid.	Complies
Odor:	Characteristic neutral odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Refractive Index:	1.470 - 1.474 @ 25°C	Complies
Density:	0.915 - 0.925 @ 20°C	0.921
Peroxide Value:	<2.5 meqO ₂ /kg	0.46
Free Fatty Acids:	< 0.1 %	0.06
Unsaponifiabiles:	< 1.5 %	0.5
Saponification Value:	185 - 195	188
Mixed Tocopherols:	>300 ppm	302

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: Grapeseed Carrier Oil

Lot No.: 15010B10320

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:	Light yellowish green to green liquid.	Complies
Odor:	Characteristic neutral odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Refractive Index:	1.470 - 1.474 @ 25°C	Complies
Density:	0.915 - 0.925 @ 20°C	0.921
Peroxide Value:	<2.5 meqO ₂ /kg	1.68
Free Fatty Acids:	< 0.1 %	0.098
Unsaponifiables:	< 1.5 %	0.6
Saponification Value:	185 - 195	189
Mixed Tocopherols:	>300 ppm	300

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CERTIFICATE OF ANALYSIS

Product: Grapeseed Carrier Oil
Lot No.: 15010A10120
Best Before: January, 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:	Light yellowish green to green liquid.	Complies
Odor:	Characteristic neutral odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Refractive Index:	1.470 - 1.474 @ 25°C	Complies
Density:	0.915 - 0.925 @ 20°C	0.921
Peroxide Value:	<2.5 meqO ₂ /kg	0.93
Free Fatty Acids:	< 0.1 %	0.067
Unsaponifiabiles:	< 1.5 %	0.6
Saponification Value:	185 - 195	189
Mixed Tocopherols:	>300 ppm	300

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CERTIFICATE OF ANALYSIS

Product: Grapeseed Carrier Oil
Lot No.: 15010D11019
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:	Light yellowish green to green liquid.	Complies
Odor:	Characteristic neutral odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Refractive Index:	1.470 - 1.474 @ 25°C	Complies
Density:	0.915 - 0.925 @ 20°C	0.921
Peroxide Value:	<2.5 meqO ₂ /kg	0.83
Free Fatty Acids:	< 0.1 %	0.078
Unsaponifiables:	< 1.5 %	0.6
Saponification Value:	185 - 195	187
Mixed Tocopherols:	>300 ppm	300

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CERTIFICATE OF ANALYSIS

Product: Grapeseed Carrier Oil
Lot No.: 15010C10919
Best Before: September, 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:	Light yellowish green to green liquid.	Complies
Odor:	Characteristic neutral odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Refractive Index:	1.470 - 1.474 @ 25°C	Complies
Density:	0.915 - 0.925 @ 20°C	0.921
Peroxide Value:	<2.5 meqO ₂ /kg	1.43
Free Fatty Acids:	< 0.1 %	0.044
Unsaponifiables:	< 1.5 %	0.6
Saponification Value:	180 - 195	187
Mixed Tocopherols:	>300 ppm	300

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CERTIFICATE OF ANALYSIS

Product: Grapeseed Carrier Oil
Lot No.: 15010B10819
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:	Light yellowish green to green liquid.	Complies
Odor:	Characteristic neutral odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Refractive Index:	1.470 - 1.474 @ 25°C	Complies
Density:	0.915 - 0.925 @ 20°C	0.921
Peroxide Value:	<2.5 meqO ₂ /kg	0.83
Free Fatty Acids:	< 0.1 %	0.052
Unsaponifiables:	< 1.5 %	0.6
Saponification Value:	185 - 195	187
Mixed Tocopherols:	>300 ppm	300

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