

CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146A00119
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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.940 @ 20°C	0.9263
Refractive Index:	1.494 to 1.504 @ 20°C	1.5010
Optical Rotation:	-6.0 to -1.0 @ 20°C	-2.0°
Thymol:	37 to 55 %	54.8

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: Thyme White Essential Oil
Lot #: 11146 -A23
Best Before: September, 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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.940 @ 20°C	0.9187
Refractive Index:	1.494 to 1.504 @ 20°C	1.4975
Optical Rotation:	-6.0 to -1.0 @ 20°C	-2.5
Thymol:	37 to 55 %	50.1

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146 -A22
Best Before: September, 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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.940 @ 20°C	0.9234
Refractive Index:	1.494 to 1.504 @ 20°C	1.5015
Optical Rotation:	-6.0 to -1.0 @ 20°C	-2.5
Thymol:	37 to 55 %	50.3

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146 -A21
Best Before: July, 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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.937 @ 20°C	0.9181
Refractive Index:	1.494 to 1.504 @ 20°C	1.4970
Optical Rotation:	-6.0 to -1.0 @ 20°C	-3.00
Thymol:	37 to 55 %	49.7

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146 -A20
Best Before: July, 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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.937 @ 20°C	0.9181
Refractive Index:	1.494 to 1.504 @ 20°C	1.4970
Optical Rotation:	-6.0 to -1.0 @ 20°C	-3.00
Thymol:	37 to 55 %	49.7

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil

Lot #: 11146 -A19

Best Before: May, 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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.937 @ 20°C	0.9162
Refractive Index:	1.494 to 1.504 @ 20°C	1.4950
Optical Rotation:	-6.0 to -1.0 @ 20°C	-4.00
Thymol:	37 to 55 %	47.6

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil

Lot #: 11146 -A18

Best Before: May, 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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.937 @ 20°C	0.9162
Refractive Index:	1.494 to 1.504 @ 20°C	1.4950
Optical Rotation:	-6.0 to -1.0 @ 20°C	-4.00
Thymol:	37 to 55 %	47.6

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