

CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
 Lot #: 11146B10121
 Best Before: August, 2023
 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 - 0.940 @ 20°C	0.9283
Refractive Index:	1.494 - 1.504 @ 20°C	1.4995
Optical Rotation:	-6.0 to -1.0 @ 20°C	-1.25
Thymol:	35 - 55%	54.20

Disclaimer & Caution:

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146A10121
Best Before: July, 2023
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 - 0.940 @ 20°C	0.9259
Refractive Index:	1.494 - 1.504 @ 20°C	1.5000
Optical Rotation:	-6.0 to -1.0 @ 20°C	-1.25
Thymol:	35 - 55%	54.50

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146B11120
Best Before: July, 2023
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 - 0.940 @ 20°C	0.9259
Refractive Index:	1.494 - 1.504 @ 20°C	1.5000
Optical Rotation:	-6.0 to -1.0 @ 20°C	-1.25
Thymol:	35 - 55%	54.50

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil

Lot #: 11146B145

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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 - 0.937 @ 20°C	Complies
Refractive Index:	1.494 - 1.504 @ 20°C	1.5017
Thymol:	37 - 55%	Complies

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146A10720
Best Before: August, 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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.940 @ 20°C	0.9271
Refractive Index:	1.494 to 1.504 @ 20°C	1.5015
Optical Rotation:	-6.0 to -1.0 @ 20°C	-1.0
Thymol:	37 to 55 %	54.61
Para-Cymene:	14 to 28 %	Complies
Γ-Terpinene:	4 to 11 %	8.31

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146A108191
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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.940 @ 20°C	Complies
Refractive Index:	1.494 to 1.504 @ 20°C	Complies
Optical Rotation:	-6.0 to -1.0 @ 20°C	Complies
Thymol:	37 to 55 %	Complies
Para-Cymene:	14 to 28 %	Complies
Γ-Terpinene:	4 to 11 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146A001191
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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.940 @ 20°C	Complies
Refractive Index:	1.494 to 1.504 @ 20°C	Complies
Optical Rotation:	-6.0 to -1.0 @ 20°C	Complies
Thymol:	37 to 55 %	Complies
Para-Cymene:	14 to 28 %	Complies
Γ-Terpinene:	4 to 11 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146A231
Best Before: May, 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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.940 @ 20°C	Complies
Refractive Index:	1.494 to 1.504 @ 20°C	Complies
Optical Rotation:	-6.0 to -1.0 @ 20°C	Complies
Thymol:	37 to 55 %	Complies
Para-Cymene:	14 to 28 %	Complies
Γ-Terpinene:	4 to 11 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Thyme White Essential Oil
Lot #: 11146A10819
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:	Slightly yellow mobile liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.910 to 0.940 @ 20°C	0.9249
Refractive Index:	1.494 to 1.504 @ 20°C	1.4970
Optical Rotation:	-6.0 to -1.0 @ 20°C	-2.5°
Thymol:	37 to 55 %	51.2
Para-Cymene:	14 to 28 %	14.2
Γ-Terpinene:	4 to 11 %	8.9

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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
Para-Cymene:	14 to 28 %	15.7
Γ-Terpinene:	4 to 11 %	8.1

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