

CERTIFICATE OF ANALYSIS

Product: Peppermint Supreme Organic Essential Oil
Lot No.: 50055A091, 50055B091, 50055C091, 50055D091, 50055E091,
50055F091, 50055G091, 50055H091
Best Before: August, 2021
Store in air tight containers in cool dry area away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid.	Complies
Odor:	Characteristic peppermint odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.984 to 0.996 @ 25°C	Complies
Refractive Index:	1.4790 to 1.4897 @ 20°C	Complies
Optical rotation:	-30° to -10° @ 25°C	Complies
Menthofuron:	4 - 5 %	Complies
L- Menthol:	30 - 35 %	Complies

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: Peppermint Supreme Organic Essential Oil

Lot No.: 50055 - A10,B10,C10,D10

Best Before: January, 2021

Store in air tight containers in cool dry area away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid	Complies
Odor:	Characteristic peppermint odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.984 to 0.996 @ 25°C	0.985
Refractive Index:	1.4790 to 1.4897 @ 20°C	1.4792
Optical rotation:	-30° to -10° @ 25°C	-24°
Menthofuron:	4 - 5 %	4.131
L- Menthol:	30 - 35 %	31.796

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CERTIFICATE OF ANALYSIS

Product: Peppermint Supreme Organic Essential Oil

Lot No.: 50055 - A09,B09,C09,D09,E09,F09,G09,H09

Best Before: August, 2020

Store in air tight containers in cool dry area away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid	Complies
Odor:	Characteristic peppermint odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.984 to 0.996 @ 25°C	0.987
Refractive Index:	1.4790 to 1.4897 @ 20°C	1.4793
Optical rotation:	-30° to -10° @ 25°C	-25°
Menthofuron:	4 - 5 %	4.04
L- Menthol:	30 - 35 %	32.45

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CERTIFICATE OF ANALYSIS

Product: Peppermint Supreme Organic Essential Oil

Lot No.: 50055 - A08,B08,C08

Best Before: March, 2020

Store in air tight containers in cool dry area away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid	Complies
Odor:	Characteristic peppermint odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.984 to 0.996 @ 25°C	0.986
Refractive Index:	1.4790 to 1.4897 @ 20°C	1.4792
Optical rotation:	-30° to -10° @ 25°C	-24°
Menthofuron:	4 - 5 %	4.15
L- Menthol:	30 - 35 %	31.94

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CERTIFICATE OF ANALYSIS

Product: Peppermint Supreme Organic Essential Oil

Lot No.: 50055-A07,B07

Best Before: March, 2020

Store in air tight containers in cool dry area away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid	Complies
Odor:	Characteristic peppermint odor.	Complies
Solubility:	Insoluble in water.	Complies
Specific Gravity:	0.984 to 0.996 @ 25°C	0.985
Refractive Index:	1.4790 to 1.4897 @ 20°C	1.4791
Optical rotation:	-30° to -10° @ 25°C	-24°
Menthofuron:	4 - 5 %	4.05
L- Menthol:	30 - 35 %	32.46

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