

## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015C11020

Best Before: July, 2023

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.981
pH:	3.00 – 5.00 @ 25°C	3.53
Clarity:	0 – 0.25 NTU	0.17
Total Non-Volatile Residue:	< 25 mg/100mL	1.0
Limit of Tannins:	< 0.03 mg/mL	<0.03
Alcohol Content:	14.0 – 15.0 % (by volume)	14.4
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	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: Witch Hazel Distillate  
 Lot No.: 16015B11020  
 Best Before: May, 2023

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.981
pH:	3.00 – 5.00 @ 25°C	3.53
Clarity:	0 – 0.25 NTU	0.18
Total Non-Volatile Residue:	< 25 mg/100mL	1.4
Limit of Tannins:	< 0.03 mg/mL	<0.03
Alcohol Content:	14.0 – 15.0 % (by volume)	14.7
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015C10620

Best Before: May, 2023

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.981
pH:	3.00 – 5.00 @ 25°C	3.53
Clarity:	0 – 0.25 NTU	0.18
Total Non-Volatile Residue:	< 25 mg/100mL	1.4
Limit of Tannins:	< 0.03 mg/mL	<0.03
Alcohol Content:	14.0 – 15.0 % (by volume)	14.7
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015B11020

Best Before: May, 2023

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.981
pH:	3.00 – 5.00 @ 25°C	3.53
Clarity:	0 – 0.25 NTU	0.18
Total Non-Volatile Residue:	< 25 mg/100mL	1.4
Limit of Tannins:	< 0.03 mg/mL	<0.03
Alcohol Content:	14.0 – 15.0 % (by volume)	14.7
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015B10520

Best Before: March, 2023

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.981
pH:	3.00 – 5.00 @ 25°C	3.61
Clarity:	0 – 0.25 NTU	0.10
Total Non-Volatile Residue:	< 25 mg/100mL	4.1
Limit of Tannins:	< 0.03 mg/mL	<0.03
Alcohol Content:	14.0 – 15.0 % (by volume)	14.5
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015A10720

Best Before: March, 2023

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.981
pH:	3.00 – 5.00 @ 25°C	3.61
Clarity:	0 – 0.25 NTU	0.10
Total Non-Volatile Residue:	< 25 mg/100mL	4.1
Limit of Tannins:	< 0.03 mg/mL	<0.03
Alcohol Content:	14.0 – 15.0 % (by volume)	14.5
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015A10320

Best Before: November, 2022

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 - 0.983 @ 25°C	0.981
pH:	3.00 - 5.00 @ 25°C	3.65
Clarity:	0 - 0.25 NTU	0.09
Total Non-Volatile Residue:	< 25 mg/100mL	0.7
Limit of Tannins:	< 0.03 mg/mL	<0.03
Alcohol Content:	14.0 - 15.0 % (by volume)	14.6
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015C11219

Best Before: October, 2022

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 - 0.983 @ 25°C	0.981
pH:	3.00 - 5.00 @ 25°C	3.64
Clarity:	0 - 0.25 NTU	0.15
Total Non-Volatile Residue:	< 25 mg/100mL	0.9
Limit of Tannins:	< 0.03 mg/mL	<0.03
Alcohol Content:	14.0 - 15.0 % (by volume)	14.5
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015B10819

Best Before: June, 2022

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.981
pH:	3.00 – 5.00 @ 25°C	3.67
Clarity:	0 – 0.25 NTU	0.03
Total Non-Volatile Residue:	< 25 mg/100mL	32.0
Limit of Tannins:	< 0.03 mg/mL	0.0
Alcohol Content:	14.0 – 15.0 % (by volume)	14.5
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015A10719

Best Before: May, 2022

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.981
pH:	3.00 – 5.00 @ 25°C	3.59
Clarity:	0 – 0.25 NTU	0.01
Total Non-Volatile Residue:	< 25 mg/100mL	3.5
Limit of Tannins:	< 0.03 mg/mL	< 0.03
Alcohol Content:	14.0 – 15.0 % (by volume)	14.5
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate

Lot No.: 16015A10519

Best Before: April, 2022

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.981
pH:	3.00 – 5.00 @ 25°C	3.68
Clarity:	0 – 0.25 NTU	0.20
Total Non-Volatile Residue:	< 25 mg/100mL	2.7
Limit of Tannins:	< 0.03 mg/mL	< 0.03
Alcohol Content:	14.0 – 15.0 % (by volume)	14.5
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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## CERTIFICATE OF ANALYSIS

Product: Witch Hazel Distillate  
Lot No.: 16015A00119  
Best Before: December, 2021  
Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear, colorless liquid.	Complies
Odor:	Characteristic Witch Hazel odor, free from acetous odor.	Complies
Specific Gravity:	0.979 – 0.983 @ 25°C	0.980
pH:	3.00 – 5.00 @ 25°C	3.57
Clarity:	0 – 0.25 NTU	0.11
Total Non-Volatile Residue:	< 25 mg/100mL	6.3
Limit of Tannins:	< 0.03 mg/mL	< 0.03
Alcohol Content:	14.0 – 15.0 % (by volume)	14.5
Yeast and Mold Plate Count:	< 10 CFU /ml	Complies
Gram (-) / Gram (+) Bacteria Plate Count:	< 1 CFU/ml	Complies

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