

CERTIFICATE OF ANALYSIS

Product: Milk Thistle (Silymarin) Botanical Extract

Lot #: 27039A00117

Best Before: February, 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:	Fine yellow powder.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Fair solubility in hydro-alcoholic solution.	Complies
Mesh size:	90 % pass 80 mesh.	Complies
Total Plate Count:	< 10000 CFU/g	Complies
Heavy Metals:	< 10 ppm	Complies
Assay:	> 80 % Silymarin.	80.43
Loss on Drying:	< 5 %	3.08
Ash:	< 5 %	3.22

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: Milk Thistle (Silymarin) Botanical Extract

Lot #: 27039-16A

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:	Fine yellow powder	Complies
Odor:	Characteristic odor	Complies
Solubility:	Fair solubility in hydro-alcoholic solution	Complies
Mesh size:	90% pass 80 mesh	Complies
Total Plate Count:	< 10000 CFU/g	Complies
Heavy Metals:	< 10 ppm	Complies
Assay:	> 80 % Silymarin	Complies
Loss on Drying:	< 5%	Complies
Ash:	< 5%	Complies

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CERTIFICATE OF ANALYSIS

Product: Milk Thistle (Silymarin) Botanical Extract

Lot #: 27039-14A

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:	Fine yellow powder	Complies
Odor:	Characteristic odor	Complies
Solubility:	Fair solubility in hydro-alcoholic solution	Complies
Mesh size:	90% pass 80 mesh	Complies
Total Plate Count:	< 10000 CFU/g	Complies
Heavy Metals:	< 10 ppm	Complies
Assay:	> 80 % Silymarin	Complies
Loss on Drying:	< 5%	Complies
Ash:	< 5%	Complies

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