

Description:

MilkThistle 80%Silymarin Ethanol

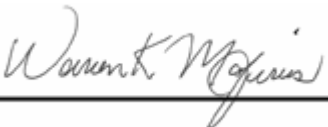
Lot #:

326151004YC-ET

	<u>Standard</u>		<u>Result</u> *
<u>Physical Properties</u>			
Appearance	Yellow brown powder		Complies
Identification	Positive		Complies
Solvent Used	Ethanol		Ethanol
Carrier Used	None		None
Plant Part	Seed		Seed
Latin Name	Silybum marianum (L.) Gaertn		Silybum marianum (L.) Gaertn
Bulk Density Loose (gm/cc)	>= 0.3	<= 0.6	0.3
Bulk Density Tap (gm/cc)	>= 0.5	<= 0.8	0.6
Particle size thru # 80 (%)	>= 95		Complies
<u>Analytical</u>			
Assay (Silymarin Dry Basis, %)	>= 80	<= 85	83
Loss on drying (%)		<= 5.0	2.5
ROI (%)		<= 1.0	0.1
Heavy metals (ppm)		<= 10	Complies
Lead (ppm)		<= 0.5	Complies
Arsenic (ppm)		<= 1	Complies
Cadmium (ppm)		<= 0.3	Complies
Mercury (ppm)		<= 0.1	Complies
Pesticides Residue	Conforms to USP <561>		Conforms
Residual Solvent Class 1	None detected		None detected
Res. Solvent Class 2, Hexane (ppm)		<= 290	2
Res. Solvent Class 2, Methanol (ppm)		<= 3000	0
Residual Solvent Class 3 (ppm)		<= 5000	1748
<u>Microbiological</u>			
APC (CFU/gm)		<=	<1000
Yeast/mold (CFU/gm)		<= 1000	<100
E. coli (CFU/gm)	Negative		Complies
Salmonella (25 gm)	Negative		Complies
Coliforms (CFU/gm)		<= 100	Complies
S. aureus (CFU/gm)	Negative		Complies
<u>Storage Conditions</u>			
Manufacture date			Oct 31, 2015
Expiration date			Oct 31, 2017

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<u>Standard</u>	<u>Result</u> *
Storage	Cool dry place sealed in light resistant container
Manufactured by	Plant # 326
Country of origin	China
Revision #	Rev 7 05/21/2015

Approved By:  Date: 2/8/2017
Warren K. Majerus
VP Quality Assurance

* Test results based on information supplied by the manufacturer, unless otherwise noted.

** Based on third party testing lab results.

*** Based on results from Pharmore's sampling protocol.

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