

Description:

MilkThistle 80%Silymarin Acetone

Lot #:

325160104BT-AC

	<u>Standard</u>		<u>Result</u> *
<u>Physical Properties</u>			
Appearance	Yellow brown powder		Complies
Identification	Positive		Complies
Solvent Used	Acetone		Acetone
Carrier Used / Plant Part	None / Seed		None / Seed
Latin Name	Silybum marianum (L.) Gaertn		Silybum marianum (L.) Gaertn
Bulk Density Loose (gm/cc)	>= 0.3	<= 0.6	0.4
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	80
Loss on drying (%)		<= 5.0	3.2
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	Complies		Complies
Residual Solvent Class 1	None detected		None detected
Res. Solvent Class 2, Hexane (ppm)		<= 290	19
Res. Solvent Class 2, Methanol (ppm)		<= 3000	52
Residual Solvent Class 3 (ppm)		<= 5000	2799
<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	Jan 13, 2016		
Expiration date	Jan 13, 2018		
Storage	Cool dry place sealed in light resistant container		

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Standard**Result** *

Manufactured by
Country of origin
Revision #

Plant # 325
China
Rev 7 05/21/2015

Approved By: _____



Date: 2/27/2017

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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