

Description:

Green Tea Extract 45% EGCG

Lot #:

887160411-01

	<u>Standard</u>	<u>Result</u> *
<u>Physical Properties</u>		
Appearance	Light yellow brown free flowing powder	Complies
Identification	Positive	Complies
Extraction Solvent	Water	Water
Extract Ratio	25:1	25:1
Carrier Used	None	None
Plant Part	Leaf	Leaf
Latin Name	Camellia Sinensis	Camellia Sinensis
Bulk Density Loose (gm/cc)	>= 0.3	0.6
Bulk Density Tap (gm/cc)	>= 0.6	0.8
Particle size thru # 80 (%)	= 100	100
<u>Analytical</u>		
Assay (Polyphenols, % Dry Basis)	>= 98.0	101.8
Assay (Catechins, % Dry Basis)	>= 75.0	83.4
Assay (EGCG, % Dry Basis)	>= 45.0 <= 50.0	48.1
Assay (Caffeine, % Dry Basis)	<= 3.0	1.7
Loss on drying (%)	<= 5.0	2.9
ROI (%)	<= 2.0	0.4
Heavy Metals (ppm)	<= 10	<10
Lead (ppm)	<= 0.5	<0.5
Arsenic (ppm)	<= 1	<1
Cadmium (ppm)	<= 0.3	<0.3
Mercury (ppm)	<= 0.3	<0.3
Residual Solvents	Conforms to USP <467>	Conforms
Pesticides Residue	Conforms to USP <561>	Conforms
<u>Microbiological</u>		
APC (CFU/gm)	<= 3000	<10
Yeast/mold (CFU/gm)	<= 300	<10
E. coli (CFU/gm)	Negative	Negative
Salmonella (25 gm)	Negative	Negative
Coliforms (CFU/gm)	<= 100	<10
Staphylococcus	Negative	Negative
<u>Storage Conditions</u>		
Manufacture date		April 11, 2016
Expiration date		April 11, 2018



Certificate Of Analysis

Description: Green Tea Extract 45% EGCG	Lot #: 887160411-01
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<u>Standard</u>	<u>Result</u> *
Storage	Cool dry place sealed in light resistant container
Manufactured by	Plant # 887
Country of origin	China
Revision #	Rev 7 2/25/2015

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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