

# Certificate of Analysis

Report Date                      March    10,    2018  
 Test Date                        March    10,    2018  
 Manufacture Date               March    05,    2018

Product Name	Green Tea Extract 98%	Batch Number	JM-180305
Latin Name	<i>Camellia ainensis</i> O. Ktze.	Quantity	25kg/drum
Plant Part Used	Leaf (Dried, 100% Natural)	Country of Origin	P. R. China
Type of Products	Standardized Powder Extract	Type of extraction	Water
Herbal Strength	Approx. 100 parts of leaves to 1 part of Extracts	Active Ingredient Markers	EGCG Coffeine

Analysis Items	Specifications	Results	Test Methods
Identification	Positive	Conforms	TLC
Appearance & Color	Off-white powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Bulk Density	0.40~0.55g/ml	0.45g/ml	Density meter
Mesh Size	NLT 90% through 80 mesh	Conforms	80 Mesh Screen
Solubility	Good solubility in water and ethanol	Conforms	Visual
Assay	NLT 98% EGCG NMT 0.1% Coffeine	98.32% 0.07%	BY HPLC BY HPLC
Method of Extraction	Hydro-alcoholic	Conforms	/
Extract Solvent	Grain alcohol	Conforms	/
Moisture Content	NMT 5%	3.39%	5g / 105°C / 2hrs
Ash Content	NMT 0.5%	0.18%	2g / 525°C / 3hrs
Excipient	None	Conforms	/
Heavy Metals	NMT 10ppm	Conforms	Atomic Absorption
Arsenic (As)	NMT 1ppm	Conforms	Atomic Absorption
Lead (Pb)	NMT 1ppm	Conforms	Atomic Absorption
Phosphate Organics	NMT 1ppm	Conforms	Gas Chromatography
Organics Residues	NMT 1ppm	Conforms	Gas Chromatography
Pesticides Residues	NMT 1ppm	Conforms	Gas Chromatography
Solvent Residues	NMT 0.05%	Conforms	Gas Chromatography
Sterilization Method	High Temperature & High Pressure for short time (5" - 10" )		
Total Plate Count	NMT 1,000cfu/g	Conforms	
Total Yeast & Mold	NMT 100cfu/g	Conforms	
E. Coli	Negative	Conforms	
Salmonella	Negative	Conforms	
Staphylococcus	Negative	Conforms	
Packing and Storage	Store in cool and dry places. keep away from strong light and heat Packing: 25kg/drum I.D. 42CM x H. 52CM N.W:25kg/drum G.W:28kg/drum		
Shelf Life	2 years if sealed and store away from direct sun light.		
Expiration Date	March    04,    2020		

Analyst:                      02  
 QA Manager: 01

QC Manager:                      02