

Certificate of Analysis

Product Name	Green Tea Extract	Batch Number	YG20220801
Herbal Strength	Aprr. 10:1	Manufacture Date	20220801
Country of Origin	P. R. China	Analysis Date	20220803
Quantity	1000kg/-25-drum	Expiry Date	20250731

ITEMS	SPECIFICATION	RESULTS	METHOD
Appearance	Light Brown Powder	Conforms	Visual
Nature	Leaf	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Origin	Camellia sinensis	Conforms	Biological Taxonomy
Identification	Positive	Conforms	HPLC
Total Polyphenols	≥98.0%	99.8%	UV
Catechin	≥80.0%	87.1%	HPLC
EGCG	≥50.0%	51.2%	HPLC
Caffeine	≤2.0%	0.1%	HPLC
Loss on Drying	≤6.0%	2.1%	105°C / Oven
Particle Size	95% Through 80 Mesh	Conforms	USP
Lead(Pb)	≤2.0ppm	0.25ppm	ICP
Arsenic(As)	≤2.0ppm	<0.1ppm	ICP
Cadmium(Cd)	≤1.0ppm	<0.1ppm	ICP
Mercury(Hg)	≤0.5ppm	0.15ppm	ICP
Residual Solvents	Conforms	Conforms	USP
Total Plate Count	≤10000CFU/G	10CFU/G	USP
Yeast and moulds	≤1000CFU/G	10CFU/G	USP
E.coli	Negative	Negative	USP
Salmonella	Negative	Negative	USP
S. aureus	Negative	Negative	USP
P. aeruginosa	Negative	Negative	USP
Irradiation	Irradiation Free	Conforms	Irradiation Status
Packing and Storage	Pack in paper-drums and two plastic-bags inside. Net Weight: 25kgs/drum. Store in a well-closed container away from moisture and light at room temp.		
Conclusion:	Conforms to the USP Standard.		
Tested by	Fangchao Yang	Approved by	Yulian Liu