

CERTIFICATE OF ANALYSIS

Product name:	Garcinia Cambogia Extract		
Plant Latin name:	<i>Garcinia Cambogia.</i>	Ref. Standard	In-house standard
Used part:	Fruit	Spec.:	60%
Batch Number:	20211129	Manuf. Date:	Nov. 29, 2021
Batch Size	1 MT	Expiry Date:	Nov. 28, 2024
Storage Condition:	Preserve in tight containers at controlled room temperature.		

Item	Specification	Result	Method
Assay(HPLC) Hydroxy citric acid	≥50.0%	61.50%	HPLC
Organoleptic			
Appearance	Fine Powder	Conforms	Organoleptic
Color	White to white	Conforms	Organoleptic
Odor & Taste	Characteristic	Conforms	Organoleptic
Physical & Chemical Characteristics			
Identification	To comply by HPLC	Conforms	HPLC
Solubility	Insoluble in water.	Conforms	USP
Particle Size	100%Through 40 mesh	100%	USP<786>
Loss on Drying	≤5%	Conforms	USP<731>
Ash	≤5%	Conforms	USP<281>
Bulk density	0.3~0.6 g/mL	0.5g/ml	USP<616>
Tap density	0.4~0.8g/mL	0.6g/ml	USP<616>
Heavy metals			
Lead(Pb)	≤1.0ppm	Conforms	USP<233>
Arsenic(As)	≤1.0ppm	0.241ppm	USP<233>
Mercury(Hg)	≤0.1ppm	Conforms	USP<233>
Cadmium(Cd)	≤0.5ppm	0.07ppm	USP<233>
Microbiological Tests			
Total plate Count	≤3000cfu/g	Conforms	USP<2021>
Yeast & Mold	≤100cfu/g	Conforms	USP<2021>
E.Coli.	Negative/10g	Negative	USP<2022>
Salmonella	Negative/10g	Negative	USP<2022>
Staphylococcus aureus	Negative/10g	Negative	USP<2022>
Conclusion:	Conform to In-house standard.		

Tested by: Fangchao Yang

Approved by: Yulian Liu