

SPEIFICATION

Created Date 2024.3.20 Review Date 2024.3.20 Review By: Grace Version No:03

Product name: Green Tea Extract EGCG 95%			
Botanical Name	Camellia sinensis (L.) O.Ktze	Part	Leaf
Origin	China	CAS number	989-51-5
Source	Plant	Solvent Used	Ethanol & Water
Item	Standard		Analysis Method
Appearance	Grayish white or light pink powder		Visual
Odor & Taste	Characteristic		Organoleptic
Typical Analysis			
EGCG	≥ 95.00%	HPLC	
Particle Size	NLT 95% through 80 mesh	US #80 Sieve	
Loss on drying	≤ 5.0 %	GB5009.3	
Heavy Metals			
Heavy metals	≤ 10ppm	Atomic Absorption	
Arsenic (As)	≤ 2.0ppm	Atomic Absorption	
Lead (Pb)	≤ 3.0ppm	Atomic Absorption	
Cadmium (Cd)	≤ 1.0ppm	Atomic Absorption	
Mercury (Hg)	≤ 0.1ppm	Atomic Absorption	
Microorganism			
Total Bacterial Count	<1000cfu/g	USP43-NF38<2021>	
Total Molds Count	<100cfu/g	USP43-NF38<2021>	
Salmonella	Negative/25g	USP43-NF38<2022>	
E. Coli	Negative/10g	USP43-NF38<2022>	
Package	N.W. 25Kgs/fiber drum and two plastic bags inside.		
Shelf life	3 Year When Properly Stored		
Storage	Store in well-closed container at room temperature, protect from light, moisture and pest infestation.		