



Green Tea Extract Specification

Product Name : Green Tea Extract
 Origin Of Material : China
 Lot No. : PC-SO240124
 Extract Solvent : Water and Ethanol
 Packaging Size : 1 Kg

Botanical Name : *Camellia sinensis*
 Part Used : Leaf
 MFG. : 24/01/2022
 EXP. : 09/03/2023
 Packaging : Aluminium Foil Zip Lock Bag

Analysis	Specification	Reference Method
Physical Test		
-Appearance	Buff, sandy or dark brown powderr	Visual
-Odor & Taste	Characteristic	Organoleptic
Chemical Test		
-Assay (Polyphenols)	≥ 90.00%	UV-VIS
-Assay (EGCG)	≥ 50.00%	HPLC
-Assay (Catechin)	≥ 70.00%	HPLC
-Assay (Caffeine)	≥ 2.00%	HPLC
-Moisture Content	≤ 5.000 %	USP37<921>
Heavy Metals		
Total Heavy Metals	≤ 10.00 ppm	USP37<233>
-Lead (Pb)	≤ 3.00 ppm	USP37<233>
-Arsenic (As)	≤ 2.00 ppm	USP37<233>
-Cadmium(Cd)	≤ 1.00 ppm	USP37<233>
-Mercury(Hg)	≤ 0.10 ppm	USP37<233>
Microbiological Test		
-Aerobic Bacteria	≤ 10 ³ cfu/g	USP37<61>
-Total Yeast & Mold	≤ 10 ² cfu/g	USP37<61>
-Escherichia coli	Negative/10g	USP37<62>
-Salmonella	Negative/25g	USP37<62>

Conclusion : Conform with the specification.

Storage : In cool & dry place. Keep away from strong light and heat.

Shelf life : 1.2 years when properly stored.

(24 / 01 / 2022)

Quality Control

(24 / 01 / 2022)

Research & Development

