

CERTIFICATE OF ANALYSIS

Product Name	Green Coffee Extract		
Botanical Source	<i>Coffea arabica L.</i>		
Used part	Seeds		
Batch Number	20211220	Manufacture Date	20211220
Report Date	20211220	Expiry Date	20231219

Item	Specification	Result	Test Method
Active Ingredients			
Assay (Total chlorogenic acid)	50%	53%	UV
Physical Control			
Appearance	Fine powder	Complies	Visual
Color	Brown yellow	Complies	Visual
Odor	Odorless	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Identification	Positive	Complies	USP
Mesh	NLT90% pass 80 mesh	Complie	80 Mesh Screen
Loss on Drying	6.0% Max	4.1%	CPh
Chemical Control			
Heavy metals	NMT 5ppm	Conforms	Atomic Absorption
Arsenic (As)	NMT 1ppm	Conforms	Atomic Absorption
Cadmium(Ca)	NMT 1ppm	Conforms	Atomic Absorption
Mercury(Hg)	NMT 0.1ppm	Conforms	Atomic Absorption
Lead (Pb)	NMT0.5ppm	Conforms	Atomic Absorption
GMO Status	GMO Free	Conforms	/
Pesticides Residual	Meeting USP Standard	Conforms	GC-MS&LC-MS
Microbiological Control			
Total Plate Count	10,000cfu/g Max	Conforms	AOAC
Yeast & Mold	300cfu/g Max	Conforms	AOAC
E.Coli	Absent in 1 g	Conforms	AOAC
Salmonella	Absent in 25 g	Negative	AOAC
Staph Aureus	Absent in 1 g	Negative	AOAC
Pseudomonas aeruginosa	Absent in 10 g	Negative	AOAC
Clostridium	Absent in 1 g	Negative	USP

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

