



HERBAL EXTRACT

Green Tea Extract 90%

Camellia sinensis · Green Tea · Leaf

COUNTRY OF ORIGIN

INDIA

RESULT

Conforms

BOTANICAL NAME Camellia sinensis		PART USED Leaf	PREPARATION Hydroalcoholic extraction	STANDARDIZATION Polyphenols NLT 92% (UV)	
MFG. DATE August 2026		EXP. DATE July 2029	BATCH SIZE 500 kg	COUNTRY OF ORIGIN India	
S.NO	PARAMETER		SPECIFICATION	METHOD	RESULT
1.0	DESCRIPTION				
1.1	Colour		Reddish brown to brown	Organoleptic	Complies
1.2	Odour		Characteristic	Organoleptic	Complies
1.3	Taste		Natural	Organoleptic	Complies
1.4	Appearance		Fine powder	Organoleptic	Complies
1.5	Solubility		Soluble in water	In-house	Complies
2.0	ANALYTICAL DATA				
2.1	Identification		Identical to reference sample	TLC	Complies
2.2	Sieve analysis		90% through 80 mesh	Sieve	Complies
2.3	Moisture (w/w)		< 10.0%	In-house	3.24%
2.4	Ash (w/w)		< 5.0%	In-house	1.45%
2.5	Acid-insoluble ash (w/w)		< 2.4%	In-house	0.27%
2.6	Bulk density		40–80 g/100 mL	In-house	Complies
3.0	ASSAY				
3.1	Polyphenols		NLT 92%	UV	95.12%
3.2	Catechins		NLT 80%	HPLC	80.24%
3.3	EGCG		NLT 50%	HPLC	50.19%
4.0	HEAVY METALS				
4.1	Arsenic		Max 1.1 ppm	ICP-OES	BLQ
4.2	Cadmium		Max 1.0 ppm	ICP-OES	BLQ
4.3	Lead		Max 2.5 ppm	ICP-OES	BLQ
4.4	Mercury		Max 0.1 ppm	ICP-OES	BLQ
5.0	CONTAMINANTS				
5.1	Aflatoxins B1 / B2 / G1 / G2		≤ 2 ppb each	ISO 16050:2003	Complies
5.2	Ethylene oxide		≤ 0.01 mg/kg	EU 231/2012	Complies
5.3	Pesticide residues		Organic requirements	ISO 22517:2021	Complies
6.0	MICROBIOLOGICAL ANALYSIS				
6.1	Total plate count		< 1,000 cfu/g	ISO 4833-1:2013	< 1,000 cfu/g
6.2	Yeast & moulds		< 100 cfu/g	ISO 21527-1:2008	< 100 cfu/g
6.3	Coliforms		< 10 cfu/g	ISO 4832:2006	< 10 cfu/g
6.4	Escherichia coli		< 10 cfu/g	ISO 16649-2:2001	< 10 cfu/g
6.5	Salmonella		Absent / 25 g	ISO 6579-1:2017/Amd 1:2020	Absent / 25 g

Remarks: The product Green Tea Extract 90% conforms to the above-mentioned specifications.
* BLQ = below limit of quantification (0.05 mg/kg for heavy metals). The product is of herbal origin; colour may vary slightly from lot to lot due to crop variation.

ASSAY Polyphenols 95.12% (UV)	EXTRACTION SOLVENT Hydroalcoholic	SHELF LIFE 36 months in original package	STORAGE Sealed containers, cool & dry place, protected from light, moisture and pests
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