

PLANTIQUE NATURALS

Botanical Ingredients - India | plantiquenaturals.lovable.app

Certificate of Analysis

Product	Green Tea Extract (EGCG 45%)
Botanical Name	Camellia sinensis
Plant Part Used	Leaf
CAS Number	84650-60-2
Batch / Lot No.	PN-GREE-2608
Manufacturing Date	29 Jul 2026
Best Before	29 Jul 2028
Country of Origin	Nilgiris, Tamil Nadu, India

Specifications

TEST	SPECIFICATION	RESULT
Appearance	Pale beige to light green powder	Complies
Identification (TLC/HPLC)	Positive	Positive
EGCG (HPLC)	$\geq 45.0\%$	46.5%
Total Polyphenols (UV)	$\geq 90.0\%$	93.2%
Loss on Drying	$\leq 5.0\%$	3.1%
Total Ash	$\leq 5.0\%$	2.4%
Heavy Metals (as Pb)	≤ 10 ppm	< 10 ppm
Lead (Pb)	≤ 2 ppm	< 2 ppm
Arsenic (As)	≤ 1 ppm	< 1 ppm
Cadmium (Cd)	≤ 0.3 ppm	< 0.3 ppm
Mercury (Hg)	≤ 0.1 ppm	< 0.1 ppm
Total Plate Count	$\leq 10,000$ cfu/g	1,200 cfu/g
Yeast & Mould	≤ 100 cfu/g	< 100 cfu/g
E. coli	Absent / 1g	Absent
Salmonella	Absent / 25g	Absent

Conclusion: The batch complies with the above specifications.

Quality Assurance - Plantique Naturals
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