

PLANTIQUE NATURALS

Botanical Ingredients - India | plantiquenaturals.lovable.app

Certificate of Analysis

Product	Curcumin 95%
Botanical Name	Curcuma longa
Plant Part Used	Rhizome
CAS Number	458-37-7
Batch / Lot No.	PN-CURC-2608
Manufacturing Date	29 Jul 2026
Best Before	29 Jul 2028
Country of Origin	Tamil Nadu & Andhra Pradesh, India

Specifications

TEST	SPECIFICATION	RESULT
Appearance	Orange-yellow crystalline powder	Complies
Identification (TLC/HPLC)	Positive	Positive
Total Curcuminoids (HPLC)	$\geq 95.0\%$	95.8%
Demethoxycurcumin + Bisdemethoxycurcumin	15 - 25% of curcuminoids	18.2%
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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