Botanika Bharat LLP (ACR-2811)
H.No. 143 2nd Floor, Shakti Vihar Colony Rudrapur, Nainital Road Udham Singh Nagar, Uttarakhand, India - 263153

CERTIFICATE OF ANALYSIS - EU COMPLIANCE

Product: Cardamom Powder (Elettaria cardamomum)

Manufacturer: Botanika Bharat LLP

Address: Office No-18, 1st Floor, Ramavihar, Rudrapur, Uttarakhand - 263153, India

Field	Value
Report ID	BBLLP/CRD/2026/455
Batch No.	B-CRD-26-04
Sample ID	CRD-EU-26-004
Date of Issue	14/04/2026
Date of Sample Submission	02/04/2026
Date Received in Lab	03/04/2026
Analysis Duration	03/04/2026 to 14/04/2026
Sample Quantity	400 g
Condition on Receipt	Good, aromatic, moisture-safe pack
Weather Conditions	Normal
Lab Accreditation	NABL approved, ISO/IEC 17025:2017
Applicable EU Framework	Reg. (EC) 1881/2006, Reg. (EU) 2023/915, Reg. (EC) 396/2005

Key release indicators

Parameter	Result	EU / buyer requirement	Status
Volatile oil	6.8% ml/100g	Min 6.0% ml/100g	PASS
Aflatoxin B1	< 1.0 ug/kg	Max 5.0 ug/kg	PASS

Physico-chemical profile

Parameter	Method	Result	Specification	Status
Moisture	ISO 712	10.2%	Max 12.0%	PASS
Total volatile oil	Steam distillation	6.8% ml/100g	Min 6.0% (premium)	PASS
Total ash	ISO 928	7.4%	Max 9.0%	PASS
Acid insoluble ash	ISO 930	1.20%	Max 2.5%	PASS

Mycotoxin, residue & heavy-metal panel

Parameter	Result	Limit	Protocol	Status
Aflatoxin total (B1+B2+G1+G2)	< 4.0 ug/kg	Max 10.0 ug/kg	HPLC-FLD	PASS
Ochratoxin A	14 ug/kg	Max 15.0 ug/kg	HPLC	PASS
Ethylene oxide	Not detected	Absent	GC-MS	PASS
Chlorpyrifos	Not detected	EU MRL	LC-MS/MS	PASS
Lead / Cadmium / Arsenic	Within limits	Reg. (EC) 1881/2006	ICP-MS	PASS

Microbiological analysis

Parameter	Result	EU acceptance criteria	Method	Status
Salmonella	Absent in 25 g	Absent in 25 g	ISO 6579-1	PASS
E. coli	< 10 CFU/g	< 10 CFU/g	ISO 16649	PASS
Yeast & mould	< 100 CFU/g	< 100 CFU/g	ISO 21527	PASS

Remarks & compliance statement

NABL remark: The Cardamom Powder lot has been tested under EU-oriented quality and safety parameters. Volatile-oil content confirms premium aromatic profile. Mycotoxin and residue results are compliant, with no critical non-conformance observed for EU food-processing use.

Instruction / note: This report is valid only for the tested sample and stated lot. Reproduction must be complete and unaltered. Borderline or legal acceptance decisions must consider the latest importing-country notification and buyer specification.

Authorised signatory