

**CERTIFICATE OF ANALYSIS - EU COMPLIANCE****Product: Ginger Powder (Zingiber officinale)**

Manufacturer: Botanika Bharat LLP

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

Field	Value
Report ID	BBLLP/GNG/2026/322
Batch No.	B-GNG-26-02
Sample ID	GNG-EU-26-002
Date of Issue	16/03/2026
Date of Sample Submission	05/03/2026
Date Received in Lab	06/03/2026
Analysis Duration	06/03/2026 to 16/03/2026
Sample Quantity	500 g
Condition on Receipt	Sealed, dry, free-flowing powder
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	2.1% ml/100g	Min 1.5% ml/100g	PASS
Ethylene oxide	Not detected	< 0.01 mg/kg (LOD)	PASS

Physico-chemical profile

Parameter	Method	Result	Specification / EU guidance	Status
Moisture	ISO 712	9.2%	Max 12.0%	PASS
Total ash (db)	ISO 928	5.7%	Max 8.0%	PASS
Volatile oil	Steam distillation	2.1% ml/100g	Min 1.5%	PASS
Acid insoluble ash	ISO 930	0.34%	Max 1.0%	PASS

Mycotoxin & residue panel

Parameter	Result	Limit	Protocol	Status
Aflatoxin B1	< 2.0 ug/kg	Max 5.0 ug/kg	HPLC-FLD	PASS
Total aflatoxins	< 4.0 ug/kg	Max 10.0 ug/kg	HPLC-FLD	PASS
Ochratoxin A	11 ug/kg	Max 15.0 ug/kg	HPLC	PASS
Ethylene oxide (EtO)	< 0.01 mg/kg	LOD / Not detected	GC-MS	PASS

Microbiological analysis

Parameter	Result	EU acceptance criteria	Method	Status
Salmonella	Absent in 25 g	Absent in 25 g	ISO 6579-1	PASS
Bacillus cereus	< 100 CFU/g	< 100 CFU/g	ISO 7932	PASS
Yeast & mould	< 100 CFU/g	< 100 CFU/g	ISO 21527	PASS



Remarks & compliance statement

NABL remark: The tested Ginger Powder sample complies with EU contaminant and residue control expectations for food ingredients. Ethylene oxide is not detected at reporting limit, volatile-oil content supports aromatic quality class, and microbiological indicators remain within acceptance criteria for direct industrial 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