

**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/2026/305
Batch No.	B-GNG-26-01
Sample ID	GNG-EU-26-001
Date of Issue	02/03/2026
Date of Sample Submission	20/02/2026
Date Received in Lab	21/02/2026
Analysis Duration	21/02/2026 to 02/03/2026
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	1.8% 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	9.1%	Max 12.0%	PASS
Total ash (db)	ISO 928	5.6%	Max 8.0%	PASS
Volatile oil	Steam distillation	1.8% ml/100g	Min 1.5%	PASS
Acid insoluble ash	ISO 930	0.32%	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	10 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

**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

**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/2026/340
Batch No.	B-GNG-26-03
Sample ID	GNG-EU-26-003
Date of Issue	31/03/2026
Date of Sample Submission	19/03/2026
Date Received in Lab	20/03/2026
Analysis Duration	20/03/2026 to 31/03/2026
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	1.9% 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	9.3%	Max 12.0%	PASS
Total ash (db)	ISO 928	5.8%	Max 8.0%	PASS
Volatile oil	Steam distillation	1.9% ml/100g	Min 1.5%	PASS
Acid insoluble ash	ISO 930	0.36%	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	12 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

**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/2026/358
Batch No.	B-GNG-26-04
Sample ID	GNG-EU-26-004
Date of Issue	12/04/2026
Date of Sample Submission	03/04/2026
Date Received in Lab	04/04/2026
Analysis Duration	04/04/2026 to 12/04/2026
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	2.0% 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	9.4%	Max 12.0%	PASS
Total ash (db)	ISO 928	5.9%	Max 8.0%	PASS
Volatile oil	Steam distillation	2.0% ml/100g	Min 1.5%	PASS
Acid insoluble ash	ISO 930	0.38%	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	13 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

**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/2026/375
Batch No.	B-GNG-26-05
Sample ID	GNG-EU-26-005
Date of Issue	21/04/2026
Date of Sample Submission	11/04/2026
Date Received in Lab	12/04/2026
Analysis Duration	12/04/2026 to 21/04/2026
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	1.7% 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	9.5%	Max 12.0%	PASS
Total ash (db)	ISO 928	6.0%	Max 8.0%	PASS
Volatile oil	Steam distillation	1.7% ml/100g	Min 1.5%	PASS
Acid insoluble ash	ISO 930	0.40%	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	14 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