

**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/2026/410
Batch No.	B-CRD-26-01
Sample ID	CRD-EU-26-001
Date of Issue	08/03/2026
Date of Sample Submission	24/02/2026
Date Received in Lab	25/02/2026
Analysis Duration	25/02/2026 to 08/03/2026
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	6.2% 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	9.9%	Max 12.0%	PASS
Total volatile oil	Steam distillation	6.2% ml/100g	Min 6.0% (premium)	PASS
Total ash	ISO 928	7.1%	Max 9.0%	PASS
Acid insoluble ash	ISO 930	1.05%	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	11 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

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Manufacturer: Botanika Bharat LLP

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

Field	Value
Report ID	BBLLP/CRD/2026/425
Batch No.	B-CRD-26-02
Sample ID	CRD-EU-26-002
Date of Issue	20/03/2026
Date of Sample Submission	10/03/2026
Date Received in Lab	11/03/2026
Analysis Duration	11/03/2026 to 20/03/2026
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	6.5% 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	10.0%	Max 12.0%	PASS
Total volatile oil	Steam distillation	6.5% ml/100g	Min 6.0% (premium)	PASS
Total ash	ISO 928	7.2%	Max 9.0%	PASS
Acid insoluble ash	ISO 930	1.10%	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	12 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

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

Field	Value
Report ID	BBLLP/CRD/2026/440
Batch No.	B-CRD-26-03
Sample ID	CRD-EU-26-003
Date of Issue	02/04/2026
Date of Sample Submission	22/03/2026
Date Received in Lab	23/03/2026
Analysis Duration	23/03/2026 to 02/04/2026
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	6.1% 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	10.1%	Max 12.0%	PASS
Total volatile oil	Steam distillation	6.1% ml/100g	Min 6.0% (premium)	PASS
Total ash	ISO 928	7.3%	Max 9.0%	PASS
Acid insoluble ash	ISO 930	1.15%	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	13 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

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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

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Manufacturer: Botanika Bharat LLP

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Field	Value
Report ID	BBLLP/CRD/2026/470
Batch No.	B-CRD-26-05
Sample ID	CRD-EU-26-005
Date of Issue	22/04/2026
Date of Sample Submission	12/04/2026
Date Received in Lab	13/04/2026
Analysis Duration	13/04/2026 to 22/04/2026
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	6.4% 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	10.3%	Max 12.0%	PASS
Total volatile oil	Steam distillation	6.4% ml/100g	Min 6.0% (premium)	PASS
Total ash	ISO 928	7.5%	Max 9.0%	PASS
Acid insoluble ash	ISO 930	1.25%	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	15 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

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