



UN RATIONS STANDARD

DATE: 01/04/2024

SPICE CARDAMON GROUND

ED No: 05

CODE: UNSTD-COM 4168

Page 1 of 2

1. PRODUCT NAME

SPICE CARDAMON GROUND

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION



Cardamom ground (powder) of the decorticated seeds, separated from the capsules of cardamom [*Elettaria cardamomum* (Linnaeus) Maton var. *minuscula* Burkill].

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Cardamom ground (powder).

3.2. OTHER PERMITTED INGREDIENTS

None Permitted

4. PROCESSING

Processing

- 4.1. CODEX "CAC/RCP 1-1969, Rev. 4-2003; Code of Practice- General Principles of Food Hygiene including annex on HACCP systems and guidelines for application.
- 4.2. CAC/RCP 42 - 1995 Code of Hygienic Practice for Spices and Dried Aromatic Plants

5. MICROBIOLOGICAL CRITERIA

FOOD SAFETY PARAMETERS

- The product shall comply with any microbiological criteria established in accordance with Codex Guideline CAC/GL: 21-1997 "Principles for the Establishment and Application of microbiological criteria for food;
- The product shall be free from microorganisms in amounts which may represent a hazard to health and shall be free from any substance originating from microorganisms in amounts which may represent a hazard to health.

6. CHEMICAL CRITERIA

SAFETY PARAMETERS

MAXIMUM LIMITS

Moisture content $\leq 9.0\%$ (m/m)

QUALITY PARAMETERS

LIMITS

Total ash $\leq 8\%$, on dry basis
Acid insoluble Ash $\leq 2\%$, on dry basis
Volatile oil content (min) ≥ 1 ml/100 g, on dry basis.

7. PHYSICAL CRITERIA

PARAMETER

LIMITS

Odour or flavour Aromatic, characteristic. Must be free from off odour or off flavour, including rancidity and



UN RATIONS STANDARD

DATE: 01/04/2024

SPICE CARDAMON GROUND

ED No: 05

CODE: UNSTD-COM 4168

Page 2 of 2

Colour	mustiness
Purity	Light brownish yellow to pale brown
Foreign matter	Free from adulteration
	Free from musty/ foreign odour, living and dead insects, insect fragments, moulds, foreign vegetable matter including material of animal and mineral origin and any other contaminants.
Storage and Transportation Temperature	15°C to 25°C

8. CONTAMINANTS

- 8.1. The product covered by this Standard shall comply with the Maximum Levels for contaminants that are specified for the product in the General Standard for Contaminants and Toxins in Food and Feed (CODEX STAN 193-1995).
- 8.2. The product covered by this Standard shall comply with maximum residue limits established by Codex Alimentarius (See: CAC / MRL: 2009 Maximum residue Limits (MRLS) for pesticides).

9. NUTRITIONAL FACTS (Approximate values per 100 g)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	320 kcal

10. PACKAGING

PARAMETER	LIMITS
Primary packaging	Food grade polyethylene or equivalent recyclable/ biodegradable packing material that maintains the product's organoleptic qualities and sanitary integrity. Must withstand the rigor of transport and handling.
Secondary packaging	Corrugated paper box or packing that protects the integrity of the primary packages, and withstands the rigor of transport and handling.
Primary packaging net weight	From 50 g to 100 g
Warranty at delivery location	Minimum 4 Months

11. LABELLING

- UNSTD-GEN-02 "UN Product Labelling"

12. OTHER REQUIREMENTS

- ISO 882-2:1993
- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"