

**UN RATIONS STANDARD**

DATE: 30/11/2013

SPICE TURMERIC GROUND

ED No: 02

CODE: UNSTD-COM 4202

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1. PRODUCT NAME

SPICE TURMERIC GROUND

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION Turmeric (*Curcuma longa* Linnaeus), ground (powdered).**3. INGREDIENTS****3.1. ESSENTIAL INGREDIENTS**

Turmeric ground

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
- 4.3. ISO 5562-1983

5. MICROBIOLOGICAL CRITERIA**FOOD SAFETY PARAMETERS****MAXIMUM LIMITS**

- 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**

Agrochemicals/Pesticides residues

CODEX MRLs

QUALITY PARAMETERS**MAXIMUM LIMITS**

Moisture content, max.

10% (mlm) max.

Total ash, % (m/m) max., on dry basis

9, % (mlm) on dry basis, max.

Acid-insoluble ash, on dry basis

1.5% (m/m), on dry matter basis, max.

Volatile oil content

2% (mlm) on dry basis, min.


7. PHYSICAL CRITERIA**PARAMETER****LIMITS**

Odour or flavour

Characteristic odour and flavour of the spice

Colour

Light brownish yellow

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Foreign matter

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.

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	354 Kcal

10. PACKAGING

PARAMETER	LIMITS
Primary packaging	Food grade polyethylene or equivalent packing material that maintains product's organoleptic qualities and sanitary integrity. Able to withstand the rigors of transport and handling.
Secondary packaging	Corrugated paper box or packing that protects integrity of the primary packages, and withstands the rigors of transport and handling.
Primary packaging net weight	Up to 250 g
Warranty at delivery location	4 Months

11. LABELLING

- 11.1. UNSTD-GEN-02 "UN Product Labelling"

12. OTHER REQUIREMENTS

- 12.1. UNSTD-GEN-03: "UN Inspection"
- 12.2. UNSTD-GEN-04: "UN Certification"