	<b>UN RATIONS STANDARD</b>		DATE: 01/08/2016
	<b>SPICE CUMINSEED</b>		ED No: 03
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## 1. PRODUCT NAME

SPICE CUMIN SEED

PRODUCT RISK		
LOW	MEDIUM	HIGH

## 2. DESCRIPTION



Cumin (*Cuminum cyminum* L.)

## 3. INGREDIENTS

### 3.1. ESSENTIAL INGREDIENTS

Seeds of cumin (*Cuminum cyminum* L.).

### 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. ISO 6465:2009
- 4.3. CAC/RCP 42 - 1995 Code of Hygienic Practice for Spices and Dried Aromatic Plants

## 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.
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## 6. CHEMICAL CRITERIA

### SAFETY PARAMETERS

### MAXIMUM LIMITS

Agrochemicals/Pesticides residues

CODEX MRLs

### QUALITY PARAMETERS

### MAXIMUM LIMITS

Moisture content

8 % mass fraction, max.

Total ash

8.5% mass fraction (dry basis), max.

Acid-insoluble ash,

1.5% mass fraction (drybasis), max.

Non-volatile ether extract

15% mass fraction(dry basis), min.

Volatile oil content

2 ml/100 g (dry basis), min.


## 7. PHYSICAL CRITERIA

### PARAMETER

### LIMITS

Odour or flavour

Aromatic and not musty, characteristic of cumin

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Colour	Ochre-grey to light brown
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	375Kcal

## 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

- UNSTD-GEN-02 "UN Product Labelling"

## 12. OTHER REQUIREMENTS

- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"