

|  |                                      |                  |
|--|--------------------------------------|------------------|
|  | <b>UN RATIONS STANDARD</b>           | DATE: 01/04/2024 |
|  | <b>SPICE DRY MELON SEEDS (EGUSI)</b> | ED No: 04        |
|  | <b>CODE: UNSTD-COM 4180</b>          | Page 1 of 2      |

## 1. PRODUCT NAME

SPICE DRY MELON SEEDS (EGUSI)

| PRODUCT RISK |        |      |
|--------------|--------|------|
| LOW          | MEDIUM | HIGH |

## 2. DESCRIPTION



Melon seeds (egusi), genus *Citrullus*, species *Colocynthis citrullus* L., of the Cucurbitaceae family to be supplied without shell.

## 3. INGREDIENTS

### 3.1. ESSENTIAL INGREDIENTS

Melon seeds (egusi)

### 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   | ≤ 8.0% (m/m)                 |
| QUALITY PARAMETERS | MAXIMUM LIMITS               |
| Acid-insoluble ash | ≤ 0.5 % ( m/m), on dry basis |
| Total ash          | ≤ 4 % (m/m), on dry basis.   |

## 7. PHYSICAL CRITERIA

| PARAMETER                              | LIMITS   |
|--|--|
| Odour or flavour                       | Fresh with a characteristic melon odour. Must be free from off odour and flavour, including rancidity and mustiness  |
| Colour                                 | White or yellow  |
| 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. |
| Storage and transportation Temperature | 15°C to 25°C   |

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## 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        | 605 kcal                    |
| Protein       | 36 g                        |
| Carbohydrates | 7 g                         |
| Fat           | 48 g                        |

## 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 250 g to 500 g  |
| Warranty at delivery location | Minimum 4 Months   |

## 11. LABELLING

- UNSTD-GEN-02 "UN Product Labelling"

## 12. OTHER REQUIREMENTS

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