

	<b>UN RATIONS STANDARD</b>	DATE: 31/08/2018
	<b>SPICE MUSTARD DRY</b>	ED No: 04
	<b>CODE: UNSTD-COM 4187</b>	Page: 1 of 2

## 1. PRODUCT NAME

SPICE MUSTARD DRY

PRODUCT RISK		
LOW	MEDIUM	HIGH

## 2. DESCRIPTION



Mustard Dry Powder from Mustard Seed of the following plant: yellow mustard (*Sinapis alba* Linnaeus)

## 3. INGREDIENTS

### 3.1. ESSENTIAL INGREDIENTS

Mustard Dry Powder from Mustard Seed of the following plant: yellow mustard (*Sinapis alba* Linnaeus)

### 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 1237-1981
- 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.

## 6. CHEMICAL CRITERIA

### SAFETY PARAMETERS

### MAXIMUM LIMITS

Agrochemicals/Pesticides residues CODEX MRLs

### QUALITY PARAMETERS

### MAXIMUM LIMITS

Loss in mass at 103 °C	10.0% (m/m) max.
Total ash	6.5% (m/m) on dry basis, max.
Acid-insoluble ash	1.0 % (m/m) on dry basis, max.
Non-volatile ether extract	28% (m/m) on dry basis, min.
Allyl isothiocyanate	
a) in <i>B. nigra</i> , min.	1.0% (m/m) on dry basis
b) in <i>B. juncea</i>	0.70% (m/m) on dry basis

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	<b>CODE:</b> UNSTD-COM 4187	<b>Page:</b> 2 of 2

p-hydroxybenzylisothiocyanate in *Sinapis alba* 2.3% (m/m) on dry basis

## 7. PHYSICAL CRITERIA

PARAMETER	LIMITS
Odour or flavour	Fresh and pungent mustard odour
Colour	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	Ambient temperature

## 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	508Kcal

## 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.
Secondary packaging	Must withstand the rigor of transport and handling. 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 50g to 100g
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"