



UN RATIONS STANDARD	DATE: 31/08/2018
SPICE PEPPER PURE WHITE GROUND	ED No: 04
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1. PRODUCT NAME

SPICE PEPPER PURE WHITE GROUND

PRODUCT RISK		
LOW	MEDIUM	HIGH

2. DESCRIPTION

White pepper (*Piper nigrum* L.) ground consist of ground dried whole almost ripe berries of *Piper nigrum* from which the outer part of the pericarp has been removed by friction after fermenting or soaking in water.



3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Pure white pepper

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 959-2:1998
- 4.3. CAC/RCP 42 - 1995 Code of Hygienic Practice for Spices and Dried Aromatic Plants

5. MICROBIOLOGICAL CRITERIA

FOOD SAFETY PARAMETERS	MAXIMUM LIMITS
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- 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
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Agrochemicals/Pesticides residues	CODEX MRLs
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QUALITY PARAMETERS	MAXIMUM LIMITS
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Moisture content, max.	12% (m/m)
Total ash, % (m/m) max., on dry basis	2.0 % (m/m)
Volatile oils, min., on dry basis	0.7% (ml/m)
Non-volatile ether extract (m/m) % min., on dry basis	6.5% (m/m)
Piperine content, on dry basis	4% (m/m)
Acid-insoluble ash, on dry basis	10.0% (m/m)
Crude fiber, on dry basis	5.0 % (m/m)

**7. PHYSICAL CRITERIA**

PARAMETER	LIMITS
Odour or flavour	Characteristic of pepper, slightly sharp and very aromatic
Colour	Off-white
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	296Kcal

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 integrity of the primary packages, and withstands the rigor of transport and handling.
Primary packaging net weight	From 50g to 250g
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"