	UN RATIONS STANDARD	DATE: 01/04/2024
	ROSE WATER	ED No: 04
	CODE: UNSTD-COM 4162	Page 1 of 2

1. PRODUCT NAME

ROSE WATER

PRODUCT RISK		
LOW	MEDIUM	HIGH

2. DESCRIPTION



Rose water is a distillate of rose petals/sepals of *Rosa damascena* and is used to flavour food. It has a sweet pleasant rose odour.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Water, extractives of rose petals and sepals

3.2. OTHER PERMITTED INGREDIENTS

Food Additives: See Codex General Standard for Food Additives (GSFA) Database and where permitted, only those individual additive(s) indicated for the product shall apply and only within the limits specified.

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.


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	LIMITS
pH	6.5-7.5
QUALITY PARAMETERS	LIMITS
The potable water used in reconstitution shall, at a minimum, meet the latest edition of the <i>Guidelines for Drinking Water Quality of the World Health Organization</i> .	
Acidity (KOHmg/ml),	≤ 0.4
% Of non-volatile material by weight,	≤ 0.012

	UN RATIONS STANDARD	DATE: 01/04/2024
	ROSE WATER	ED No: 04
	CODE: UNSTD-COM 4162	Page: 2 of 2

7. PHYSICAL CRITERIA

PARAMETER	LIMITS
Appearance	Shall be clear, and free from precipitate and turbidity.
Colour	Colourless liquid;
Impurities	Shall be free from any impurities;
Flavour and odour	Shall be free from abnormal flavour and odour; shall be clean, wholesome. Shall have a sweet aroma of rose flower.
Storage and Transportation Temperature	15°C to 25°C

8. CONTAMINANTS

- 8.1. The products covered by this Standard shall comply with the Maximum Levels for contaminants that are specified for the product in 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	0 kcal

10. PACKAGING

PARAMETER	LIMITS
Primary packaging	Bottles plastic or glass /Aseptically packed Tetra pack or equivalent recyclable/biodegradable packaging material that shall be able to maintain 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 integrity of the primary packages and withstands the rigors of transport and handling.
Primary packaging net weight	From 250ml to 500 ml
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"