

RICE (LONG GRAIN) for Gaza Field only

1. SPECIFICATIONS:

The rice shall be in accordance with the following specifications:

General Description of Rice: Wholly milled long grain rice (non-parboiled), double polished. With natural odour, colour, appearance. The product shall meet the testing requirements stated in this document.		
Parameter	Requirements	Reference methods (or equivalent)
Organoleptic Properties	Fair & Sound marketable quality, free from abnormal smell & pests, fit for human consumption with natural colour and appearance.	Visual inspection
Kernel length	6.6 mm or more	
Kernel length/width ratio	3 or more	
Moisture	14.0% max.	ISO 7301
Protein	7.0% min.	ISO 7301
Ash content (total ash)	0.5% max.	ISO 7301
Broken grain*	5.0% max.	ISO 7301
Chalky grain	5.0% max.	ISO 7301
Grain striated with red	2.0% max.	ISO 7301
Spotted grain	1.5% max.	ISO 7301
Stained grain	1.0% max.	ISO 7301
Yellow grain	0.5% max.	ISO 7301
Inedible non-toxic mineral or vegetable substances, provided they are non-Toxic	0.01% max.	ISO 7301
Edible extraneous grains or parts thereof	0.1%	ISO 7301
Dead insects (in part or whole)	Max. 30 per 100 kg	ISO 7301

Methyl bromide	0.01 mg/kg	
Phoxim	0.01 mg/kg	
Live insect	Nil	ISO 7301
Arsenic (inorganic)	0.2 ppm max.	AOAC 986.15
Cadmium	0.4 ppm max.	AOAC 999.10
Lead	2 ppb	AOAC 986.15

- * **Broken grain if the kernel is less than 3/4 of the Kernel** * **The rice shall be safe and fit for human consumption.**
- * **The harvest year shall be not more than one year**
- * **This food commodity must not derive from biotechnology. Suppliers must ensure that food commodities are brought in from countries whose health status allows this.**

2. TECHNICAL DOCUMENT REQUIREMENTS:

When required, suppliers shall submit a Certificate of Analysis of the final product to UNRWA, along with other documents.

3. PRODUCT SAFETY:

- The product shall not contain any harmful substances including, but not limited to, micro-organisms, heavy metals, pesticides, mycotoxin, foreign matter or anti-nutritional factors, in amounts that may represent a hazard to health. Where there is no applicable standard available, The Joint FAO/WHO Expert Committee on Food Additives (JECFA) and The European Food Safety Authority (EFSA) evaluations shall be considered for guidance limits.
- Fit for human consumption guarantee: Suppliers shall manage the quality of their product and guarantee that the product is 'fit for human consumption' and in line with TIC Council/IFIA Guidelines.
- The product shall comply strictly with Codex General Standard for Contaminants and Toxins in Food and Feed (CXS 193-1995), Codex Maximum Residue Limits (MRLs) and Codex Extraneous Maximum Residue Limits (EMRLs) for Pesticides and Guidelines of International Commission on Microbiological Specifications for Foods.
- The product shall be free from toxic or noxious seeds in amounts which may represent a hazard to human health. This includes Crotalaria (Crotalaria spp.), Corn cockle (Agrostemma githago L.), Castor bean (Ricinus communis L.), Jimson

weed (Datura spp.), and other seeds that are commonly recognized as harmful to health. A non-exhaustive list of these seeds can be found in ISO 7970.

- Supply food stuff from producers or companies registered in white list of NFSA (NATIONAL FOOD SAFETY AUTHORITY).

4. PACKING:

The rice shall be packed in new sound bags (of minimum weight of 110 g net) manufactured **of polypropylene**. Each bag shall contain a uniform weight of 50 kg net fit for export and multiple handing. All bags must be clean, sturdy, and firmly sewn.

Bags should not be laminated in order to allow ventilation and maintain the temperature inside the bag at the required level.

Both the containers and the bags shall be free from insect or fungal infestation and shall not impart any toxic substance or undesirable odour or flavor.

Both the containers and the bags shall safeguard the hygienic, nutritional, technological and organoleptic qualities of the products.

Each package shall contain rice of the same type and of the same grade designation.

*UNIT OF PACKING AS AGREED IN CONTRACT

5. MARKING: SEE ATTACHED SPECIAL CONDITIONS OF CONTRACT.
All the above specifications will be strictly adhered at Field level.

6. SHELF LIFE:

The expiry date should be at least 12 months after the date of delivery. The product shall have a minimum of 80% of shelf-life remaining when presented to UNRWA for inspection, unless otherwise authorized by UNRWA.