3.4.4. Product Specifications - OAMRO Rolled Oats – WA

Ingredient Description

Clean flakes of rolled oats are prepared by milling clean sound Oat kernels that are grown in Australia and are of GM-free origins. They are free from signs of pest infestation and rodent contamination. They shall have been cleaned, graded, de-hulled, aspirated, separated, dry kilned and then flaked. The quality of oats should comply with all relevant food standards and regulations.

Appearance

The product should be free from any foreign matter, pest infestation and within the quality limits specified.

Physical Properties

ITEM	SPECIFICATION
Flavour	Characteristic taste of clean, sound, toasted grain. Free from mouldy, chemical or other objectionable flavour
Odour	Characteristic aroma of clean, sound, toasted grain. Free from mouldy, chemical or other objectionable flavour
Foreign Material	Nil: absence of infestation or foreign material (e.g. stones, wood, metal, glass etc)
Cooking Sensory Test. (Scale of 1 – 5) Criteria: Appearance, Colour, Texture, Consistency, Aroma, Flavour	Minimum score of 3
Flake thickness	+ or – 0.05 mm of specified thickness size

Granulation Test (Sieve Analysis)

Amplitude 1.8mm, Frequency 50Hz, Time 60s, Sample size 100g

SPECIFICATIONS						
Product Code	OAMRO60	OAMRO65	OAMRO70	OAMRO75	OAMRO80	OAMRO85
Thickness (mm)	0.60	0.65	0.70	0.75	0.80	0.85
Remaining on US#8 (2.36mm) %min	80	82	90	90	92	92
Passing through US#20 (0.85mm) %max	5	5	2	2	1	1

3.4.4. Product Specifications - OAMRO Rolled Oats – WA

Granulation Test (Sieve Analysis)

Amplitude 1.8mm, Frequency 50Hz, Time 60s, Sample size 100g

SPECIFICATIONS					
Product Code	OAMRO90	OAMRO95	OAMRO100	OAMRO105	OAMRO110
Thickness (mm)	0.90	0.95	1.00	1.05	1.10
Remaining on US#8 (2.36mm) %min	93	95	96	96	96
Passing through US#20 (0.85mm) %max	1	1	1	1	1

Picking Test (per 100g sample):

ITEM	SPECIFICATION
Husks/Hulls	≤3 Pieces
Hull Slivers	≤5 Pieces
Sticks / Stems	≤1 Piece
Charred Flakes	≤3 Flakes
Discoloured Flakes	≤10 Flakes
Gelatinised Flakes	≤10 Flakes
Barley Flakes	≤20 Flakes
Wheat Flakes	≤10 Flakes
Natural Grass / Weed Seeds	≤1 Pieces
Partially Rolled Groats	≤3 Pieces
Unrolled Groats	≤1 Pieces

Chemical Properties

ITEM	SPECIFICATION
Enzyme Activity	Negative
Moisture (%)	12% maximum

3.4.4. Product Specifications - OAMRO Rolled Oats – WA

Nutritional Properties:

ITEM	SPECIFICATION
Energy (kJ/100g)	1500 minimum
Protein (N*6.25) (%)	10.0 - 15.6
Total Dietary Fibre (%)	8.0 - 13.5
Carbohydrate (%)	55.0 to 65.0
Sugars (%)	< 3.0
Fat (%)	8.0 - 12.5
Ash (%)	2.0 maximum
Fatty Acids: Mono unsaturated fat (%)	5.5 maximum
Poly unsaturated fat (%)	4.5 maximum
Saturated fat (%)	2.5 maximum
Trans fat (%)	<0.1
Cholesterol	0 mg
Sodium (mg/kg)	<5.5

This is an agricultural product, seasonal variation may occur.

Microbiological Properties:

ITEM	SPECIFICATION
Standard Plate Count	1000 cfu/g maximum
Yeast & mould	100 cfu/g maximum
Coliform	10 cfu/g maximum
E. coli	3 cfu/g maximum
Salmonella	None Detected in 25g
Coagulase positive staphylococci	10 cfu/g maximum
Bacillus cereus	100 cfu/g maximum
Aflatoxin Total (B1, B2, G1, G2)	<5µg/kg

3.4.4. Product Specifications - OAMRO Rolled Oats – WA

Allergen Advice:

This product contains **gluten**. The sources of gluten are **Oats**, **Barley**, **Wheat and Rye**.

- **Wheat**, **Barley, and Rye** are present in this product due to crop rotation and agricultural practices.

May contain **Lupin.** Whilst we do not process lupins within our oat milling operation, there is a potential cross contact risk due to potential presence of lupins in the crop rotation.

Ingredients: Oats

Packing:

- In food-grade bulk shipping containers, or:
- Packaged in 25kg bags. This is the maximum weight. Lesser weights can be considered but will need to be agreed upon at time of order. Packaging formats:
  - Low Density Polyethelene (LDPE) plastic bags; or
  - Multiwall paper bags with polyethylene lining; or
  - Woven polypropylene bags; or
  - PTPE (Pinch Top Pasted End) bag. Kraft Paper outer and separable NGE plastic inner bag

Handling & Storage Conditions:

1. Each package shall have the following information appearing on its label: product name, name and address of supplier, net weight, date of manufacture and expiry date, manufacturer's lot number.
2. A copy of the Certificate of Analysis of each lot will be sent to customer together with shipping documents.
3. All products are manufactured to order - no warehousing prior to shipment takes place. If customers cancel or delay an order and packing and containerization has taken place, they will be obliged to receive the goods already packed.
4. All shipping containers are inspected prior to loading and sealed with bolt seals after loading.
5. No container should be received without the seal being intact.
6. Once product has been received into customer's storage, it is the responsibility of the customer.
7. Product should be stored in a cool dry environment.
8. The shelf life of the product under the above storage conditions is 12 months. Grain products can be prone to infestation and Unigrain is unable to accept responsibility for infestation due to poor handling practices or product being stored in inappropriate storage conditions after the product has been delivered.
9. Product is certified Halal, Kosher and Product of Australia.