

INSTANT AND FORTIFIED WHOLE MILK POWDER



PRODUCT SPECIFICATION

Description

Knights Group Instant and Fortified Whole Milk Powder is a highly nutritious premium quality natural ingredient, ideal for incorporation into a large variety of dairy / food nutritional products.

Knights Group Instant and Fortified Whole Milk Powder is a spray dried product obtained from premium New Zealand whole milk collected from pasture fed cows with a range of added vitamins.

Extreme care is taken throughout the entire process to ensure the highest quality product is produced. The collection on farm, throughout the spray drying process, the packaging is carefully monitored and controlled to ensure product safety, consistency and quality.

Typical Analysis

| Parameter | Typical | Specification |
|---------------------------|--------------|---------------|
| Protein (% N*6.38 as SNF) | 35.0 | Min. 34 |
| Milk fat (%) | 28.5 | 28 – 30 |
| Moisture (%) | 2.6 | Max. 3.0 |
| Wettability (secs) | 15 | 30 |
| Foreign matter | Not Detected | Not Detected |

Nutritional Information

Per 100 g

| | |
|-------------------|------|
| Energy (kJ) | 2130 |
| Protein (g) | 24.4 |
| Fat (g) | 28.5 |
| Saturated fat (g) | 19.9 |
| Carbohydrate (g) | 39.0 |

Microbial Analysis

| | |
|--------------------------------|--------------|
| Aerobic plate count (cfu/g) | Max. 10,000 |
| Coliforms (/g) | Max. 10 |
| <i>E. coli</i> (/g) | Not Detected |
| Yeasts and moulds (cfu/g) | Max. 50 |
| Coag +ve <i>S. aureus</i> (/g) | Not Detected |
| Salmonella (/750g) | Not Detected |

Vitamins

Typical Level (IU/100g)

| | |
|-----------|------|
| Vitamin A | 2500 |
| Vitamin D | 330 |

Product Characteristics

- Pleasant milk flavour.
- Free flowing and instant product.
- Rich in vitamins and minerals.

Suggested Applications

- Nutritional formulations.
- Ingredient for recombined dairy / food products.
- Consumer packs.

Quality Assurance

Knights Group operates with strict quality control procedures as detailed in its Risk Management Programme (RMP).

The RMP incorporates HACCP principles, and ensures products are safe, wholesome and truthfully labelled.

Each bag is uniquely identified, providing full traceability.

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Packaging and Storage

- Knights Group Instant and Fortified Whole Milk Powder is packed in nitrogen flushed 25 kg bags.
- No staples or metal fasteners are used.
- This product should be kept in a cool, dry ventilated place.
- Temperatures below 25°C, relative humidity below 65% and an odour free environment will extend storage life.
- Packages should not be in direct contact with the floor or walls.
- Stock should be used in rotation, use within a month once bag is opened.

Suggested Shelf Life

When stored under optimal conditions, this product has a shelf life of 2 years from the date of manufacture.

Genetic Modification

This product contains no genetically modified materials.

Product Ingredients / Processing Aids

Knights Group Instant and Fortified Whole Milk Powder meet Halal Standards, and contains lecithin from soy and vitamins (A and D). Other vitamins and / or minerals available on request.

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