

HIGH-CAL MILK POWDER

PRODUCT SPECIFICATION



Description

Knights Group High-Cal Milk Powder is a highly nutritious premium quality, natural ingredient; specially made for retail sale as a nutritious low-fat milk drink.

Knights Group High-Cal Milk Powder is a protein product obtained from premium New Zealand milk collected from pasture fed cows, with a range of added vitamins and minerals.

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)	34.4	Min. 34
Milk fat (%)	0.8	Max 1.25%
Moisture (%)	2.5	Max. 3.0
Bulk Density	0.37	0.35 – 0.43
Calcium (mg/100g)	2500	1800 - 3000
Potassium (mg/100g)	1500	1200 – 2000

Nutritional Information

	Per 100 g
Energy (kJ)	1,610
Protein (g)	32.9
Fat (g)	0.80
Carbohydrate (g)	53.5

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 (IU/100g)	850
Vitamin C (mg/100g)	85

Product Characteristics

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

Suggested Applications

- Fully formulated consumer milk powder.

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 High-Cal Milk Powder is packed in 18 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 High-Cal Milk Powder meets Halal standards.

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