

SKIMMILK POWDER

Regular High Heat, Heat Stable



Skimmilk Powder is a soluble powder made by spray drying fresh pasteurised skimmilk

Product Characteristics

- > Good solubility
- > Heat stable in concentrated milk at in-can sterilisation temperatures
- > Low fat content
- > Clean flavour

Suggested Uses

- > Evaporated Milk
- > Not for use in infant formula for infants less than 12 months.

Packaging

Multi-wall bag with a paper outer and an inner plastic liner

No staples or metal fasteners are used

Net weight	25.0kg
Gross weight	25.4kg

Storage and Handling

Skimmilk Powder is hygroscopic and can absorb odours. Therefore adequate protection is essential. It is recommended that product is stored at below 25°C, relative humidity below 65% and in an odour free environment. Stocks should be used in rotation preferably within 24 months of manufacture

Typical Compositional Analysis

The analysis results listed in this product bulletin are typical as measured on an "as is" basis. Refer to the selling specification for minimum and maximum limits by parameter.

Protein (N x 6.38) (g/100g)	32.9
Moisture (g/100g)	3.8
Fat (g/100g)	0.9
Total Carbohydrate (g/100g)	54.5
Minerals (g/100g)	7.9

Typical Chemical Analysis

Titrateable Acidity(%m/v)	<0.15
Inhibitory substances (IU/ml)	Not Detected
Whey Protein Nitrogen index (mg/g)	<1.5

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Typical Nutritional Analysis

Energy (kJ/100g)	1520
Calories (kcal/100g)	365
Energy from fat (kJ/100g)	30
Calories from fat (kcal/100g)	8
Total Sugars (lactose) (g/100g)	54.5
Fibre (g/100g)	<1
Cholesterol (mg/100g)	2
Saturated fat (g/100g)	0.6
Trans fat (g/100g)	0.04
Vitamin A (µg/100g)	<1
Vitamin A (IU/100g)	<3
Vitamin C (mg/100g)	15
Iron (mg/100g)	0.2
Sodium (mg/100g)	390
Calcium (mg/100g)	1240

Typical Physical Properties

Bulk Density (g/ml)	0.65-0.75
Insolubility Index (ml)	<1.0
Colour	Pale cream
Flavour	Clean
Scorched particles	Max B
Foreign matter	Not Detected

Typical Microbiological Analysis

Aerobic Plate Count (cfu/g)	<10,000
Thermophilic Spores [106°C/30min] (cfu/g)	<100
Coliforms (/g)	Not Detected
Escherichia. coli (/g)	Not Detected
Yeasts and Moulds (cfu/g)	<50
Staphylococci. Coagulase. Positive (/g)	Not Detected
Salmonella (/750g)	Absent

Quality Assurance

Strict quality control procedures are enforced during manufacture. The manufacturing environment is also subject to regular monitoring and control.

Final product is sampled and tested for chemical, sensory and microbial parameters using internationally recognised procedures.

During storage and shipment, precautions are taken to ensure that the product quality is maintained. Each package is identified, enabling trace back.

Compliance

> Halal

Suggested Labelling

Skimmilk Powder

Allergens: Contains Milk and Dairy products. For additional information refer to the allergen statement

Country regulations for product labelling vary. Fonterra advises customers that they need to check local regulations to determine the correct labelling of this ingredient

Additional Information

Fonterra will only ship this product to countries listed on the Import Eligibility Statement and bidders Contracting Information File.

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Chemical

	Units	Min	Max
Protein (N x 6.38) As is	% m/m	32.4	36.7
Milk Protein in Milk Solids non fat	% m/m	34	
Moisture	% m/m		4.0
Fat	% m/m		1.25
Titrateable Acidity	% m/v		0.15
WPNI	mg/g		1.5

Microbiological

	Units	Min	Max
Aerobic Plate Count	cfu/g		10000
Aerobic Thermophilic Spores . [106°C/30min]	cfu/g		100
Coliforms	/g		Not Detected
Escherichia. coli	/g		Not Detected
Yeast and Mould	cfu/g		50
Staphylococci. Coagulase. Positive	/g		Not Detected
Salmonella	/750g		Absent

Physical

	Units	Min	Max
Foreign matter	/25g		Not Detected
Insolubility Index	ml		1.0
Scorched particles	/25g		B
Evaporated Milk Heat Stability	Pass/Fail		Pass

Sensory

	Units	Min	Max
Flavour	Typical/Atypical	Typical	

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Other

- > Meets Codex standards for Lead
- > Meets Codex standards for Heavy metals
- > Meets Codex standards and FDA/EPA limits for Pesticides
- > Meets FDA requirements for Phosphatase
- > Meets FDA and MPI requirements for Inhibitory substance
- > Fonterra will only ship this product to countries listed on the Import Eligibility Statement and bidders Contracting Information File

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Fonterra will only ship Skimmilk Powder, Regular, High Heat, Heat Stable, to the countries that are specifically listed below:

If you want this product shipped to a country that is not listed below, please contact a Fonterra representative. There is no "obligation" on Fonterra to ship to a country that is not listed or has not been agreed between the customer and Fonterra prior to purchase.

**Prior to contracting with Fonterra, importers or agents must ensure that they meet all registration requirements imposed by their importing government agencies.

Destination Country

Angola	Mauritania	Yemen
Australia	Mauritius	Zimbabwe
Bahrain	Mexico	
Bangladesh	Moldavia	
Barbados	Mongolia	
Bhutan	Myanmar	
Burkina Faso	Nigeria	
Cameroon	Oman	
China	Pakistan	
**Costa Rica	**Panama	
Cote D'ivoire	**Peru	
Djibouti	Philippines	
**Dominican Republic	Republic of the Congo	
Gambia	Saudi Arabia	
Ghana	Senegal	
Guinea	Seychelles	
Guyana	Sierra Leone	
**Honduras	Singapore	
Hong Kong	South Africa	
Indonesia	Suriname	
Jamaica	Taiwan R.O.C.	
Jordan	Tajikistan	
Kurdistan	**Thailand	
Kuwait	Togo	
Malaysia	United Arab Emirates	
Mali	Vietnam	

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This Eligibility Statement should be used in conjunction of Product Bulletin Number and Selling Specifications Number: PB / SS 758.