

# SKIMMILK POWDER

Regular Medium Heat – Fonterra Australia



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

## Product Characteristics

- > Excellent solubility
- > Good dispersability
- > Low fat content
- > Clean flavour

## Suggested Uses

- > Has a wide range of applications including reconstituted milk, sweetened condensed milk, fermented milk foods, yoghurt, ice cream mixes, and confectionery products
- > May be used as an ingredient in bakery products and blends.
- > 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	25.3kg

## 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)	33.4
Moisture (g/100g)	3.8
Fat (g/100g)	0.8
Total Carbohydrate (g/100g)	54.1
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)	1.51-5.99

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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)	7
Total Sugars (lactose) (g/100g)	54.1
Fibre (g/100g)	<0.1
Cholesterol (mg/100g)	25
Saturated fat (g/100g)	0.5
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)	340
Calcium (mg/100g)	1100

## 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
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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Ingredients by   
Dairy for life

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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	34.0	
Moisture	% m/m		4.0
Fat	% m/m		1.25
Titrateable Acidity	% m/v		0.15
WPNI	mg/g	1.51	5.99

## Microbiological

	Units	Min	Max
Aerobic Plate Count	cfu/g		10000
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
Colour	Typical/Atypical	Typical	
Foreign matter	/25g		Not Detected
Insolubility Index	ml		1.0
Scorched particles	/25g		B

## 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
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**Fonterra will only ship Skimmilk Powder Regular Medium Heat – Fonterra Australia, 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	Malaysia	**Thailand
Bahrain	Mali	Togo
Bangladesh	Mauritania	United Arab Emirates
Barbados	Mauritius	Uruguay
Benin	Mexico	Vietnam
Burkina Faso	Moldavia	Yemen
Cameroon	Mongolia	Zambia
China	Mozambique	Zimbabwe
Cote d'Ivoire	Myanmar	
Djibouti	Niger	
Gabon	Oman	
Gambia	Pakistan	
Ghana	**Panama	
Guinea	**Peru	
Guinea Bissau	Philippines	
Guyana	Saudi Arabia	
**Honduras	Senegal	
Hong Kong	Seychelles	
Indonesia	Singapore	
Jamaica	Sierra Leone	
Jordan	South Africa	
Kuwait	St Vincent	
Liberia	Taiwan R.O.C.	
Madagascar	Tajikistan	
Malawi		

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This Eligibility Statement should be used in conjunction of Product Bulletin Number and Selling Specifications Number: PB / SS 1145.