

**BUTTERMILK POWDER - Regular for Ultra Heat Treated Milk**GDT Specification  
Fonterra New Zealand

PSB.0757

VERSION: 02.0424

UNRESTRICTED

Buttermilk Powder is manufactured by spray drying buttermilk, which is derived from the manufacture of cream products.

**FEATURES**

- Good solubility
- Uniform fat content
- Heat Stable in evaporated milk formulations and Ultra Heat Treated Formulations
- Good emulsifying properties
- Phospholipid content typically 21% of the fat

**SUGGESTED USES**

- Has a wide range of applications including recombined products such as Ultra Heat Treated milk, evaporated milk, sweetened condensed milk and ice cream

**CERTIFICATION**

- Halal

**ORIGIN**

- Product of New Zealand

**NUTRITIONAL INFORMATION**

(per 100 g product)

Energy (kJ)	1665
Protein (N x 6.38) (g)	31.0
Moisture (g)	3.8
Fat (g)	7.8
Carbohydrate (g)	50.0
Ash (g)	7.4

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

**INGREDIENTS (ALLERGENS IN BOLD)**Cow's **milk**

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

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**UNRESTRICTED****PACKAGING**

Multi-wall bag with a paper outer and an inner plastic liner.  
No staples or metal fasteners are used.

- Net Weight: 25 kg
- Gross Weight: 25.35 kg
- Typical Packaging Dimension: 84 x 53 x 14 cm

**STORAGE AND HANDLING**

Buttermilk 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.



Store in a  
cool, dry  
place



Handle  
with  
care



Keep  
away from  
odours

**TRUSTED QUALITY**

Our manufacturing facilities adhere to the highest global standards in food safety and quality, verified through regular internal and external audit programs and accredited with FSSC22000 certification.

**COMPLIANCE:**

Our products and ingredients are tested throughout the supply chain, from milk collection through to final product release, using internationally recognised test methods to verify quality and compliance.

Our products are securely packed in food grade packaging and labelled to enable full trace back, so you can trust in the knowledge it was made with care.

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**UNRESTRICTED**
**NUTRITIONAL ANALYSIS**
**TYPICAL**

(per 100 g product)

Energy	1665 kJ
<i>Calories</i>	398 kcal
Protein (N x 6.38) (g)	31.0 g
Fat	7.8 g
<i>Energy from fat</i>	290 kJ
<i>Calories from fat</i>	80 kcal
<i>Saturated fatty acids</i>	5.1 g
<i>Monounsaturated fatty acids</i>	1.7 g
<i>Polyunsaturated fatty acids</i>	0.1 g
<i>Trans fatty acids</i>	0.3 g
Cholesterol	75 mg
Total Carbohydrate	50.0 g
<i>Lactose</i>	50.0 g
Dietary Fibre	0 g
Ash	7.4 g

**MINERAL ANALYSIS**
**TYPICAL**

(per 100g product)

Calcium	980 mg
Sodium	380 mg

Fonterra does not recommend using the typical vitamin and mineral values that are stated in this Bulletin as a basis for formulating a nutritional product.

The typical values are an average of representative samples taken from across the manufacturing season, and are based on the typical composition.

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CHEMICAL	UNITS	MIN	MAX	REFERENCE METHOD
Protein (N x 6.38) as is	% m/m	30.0		ISO 8968-1
Moisture	% m/m		4.0	ISO 5537
Fat	% m/m	7.0	13.0	ISO 23318
Titrateable Acidity	% m/v		0.16	SMEDP 15.020

MICROBIOLOGICAL	UNITS	MIN	MAX	REFERENCE METHOD
Aerobic Plate Count	cfu/g		10,000	ISO 4833 MOD
Aerobic Thermophilic Spores	cfu/g		1,000	100°C/30mins
Coagulase Positive Staphylococci	/g		Not Detected	ISO 6888-3 MOD
Coliforms	/g		Not Detected	ISO 11866-1 MOD
Escherichia coli	/g		Not Detected	ISO 11866-1 MOD
Yeasts and Moulds	cfu/g		50	ISO 6611 MOD
Listeria	/125 g		Not Detected	GeneUp-Biomerieux/ISO 11290
Salmonella	/750 g		Not Detected	GeneUp-Biomerieux/ISO 6579

PHYSICAL	UNITS	MIN	MAX	REFERENCE METHOD
Colour	Typical/Atypical	Typical		Fonterra
Foreign matter	/25 g	Pass		Fonterra
Insolubility Index	mL		1.0	ISO 8156
Scorched particles	/25 g		B	SMEDP 15.172

SENSORY	UNITS	MIN	MAX	REFERENCE METHOD
Flavour	Typical/Atypical	Typical		Sensory Analysis

CONTAMINANTS	UNITS	MIN	MAX	REFERENCE METHOD
Inhibitory Substances			Not Detected	DELVO SP-NT

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

Where there is a "Typical" value or attribute listed anywhere in the Bulletin, or Product Specification, this is an indication only, and Fonterra Limited is not obliged to satisfy a "Typical" value so long as the product is still within specification.

The MIN and MAX values set out in the Product Specification section of the Bulletin are the specification limits that Fonterra Limited agrees to meet.

**BUTTERMILK POWDER, For Ultra Heat Treated Milk**

GDT Specification - Fonterra New Zealand

DATE: 10 September 2024

**UNRESTRICTED****Fonterra will only ship Buttermilk Powder, for Ultra Heat Treated Milk GDT Specification – Fonterra New Zealand to the Markets that are specifically listed below:**

If you want this product shipped to a Market that is not listed below, please contact a Fonterra representative. There is no “obligation” on Fonterra to ship to a Market 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 Market**

Australia	Myanmar
Bahrain	New Zealand
Bangladesh	Nigeria
China	Oman
Cote d'Ivoire	Pakistan
Egypt	**Panama
Ghana	**Peru
Georgia	Philippines
Guatemala	Saudi Arabia
Hong Kong	Singapore
Iraq	South Africa
Jamaica	Syria
Japan	Taiwan
Jordan	**Thailand
Kuwait	United Arab Emirates
Malaysia	Vietnam
Mauritius	
Mexico	
Mongolia	
Morocco	

This Eligibility Statement should be used in conjunction with Product Bulletin Number and Selling Specification Number PB/SS 757