

**BUTTERMILK POWDER - Regular for Ultra Heat Treated Milk**
**PB.757**

 GDT Specification  
 Fonterra New Zealand

**VERSION: 01.0320**
**UNRESTRICTED**
**DESCRIPTION**

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

**ALTERNATIVE SPECIFICATIONS**

The NZMP portfolio includes targeted specifications for many applications e.g. paediatric, evaporated milk, cultured foods and repack. Please contact your NZMP Account Manager for recommendations

**CERTIFICATION**

- Halal

**ORIGIN**

- Product of New Zealand

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


**NUTRITIONAL INFORMATION**
**TYPICAL**

(per 100g of 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

**INGREDIENTS (ALLERGENS IN BOLD)**
**Cows' 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.

This dairy ingredient contains the milk of New Zealand cows that graze outdoors on the grass of open pastures, as nature intended.

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**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 Bag 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.



Handle  
with  
care



Store in a  
cool, dry  
place



Keep  
away from  
odours

**TRUSTED QUALITY****COMPLIANCE:**

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.

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 multi-wall bags with three layers of protection 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 100g of product)

Energy	1665 kJ
<i>Calories</i>	398 kcal
Fat	7.8 g
<i>Energy from fat</i>	290 kJ
<i>Calories from fat</i>	69 kcal
<i>Saturated fatty acids</i>	5.2 g
<i>Monounsaturated fatty acids</i>	1.6 g
<i>Polyunsaturated fatty acids</i>	0.1 g
<i>Trans fatty acids</i>	0.4 g
<i>Cholesterol</i>	75 mg
Total Carbohydrate	50.0 g
<i>Lactose</i>	50.0 g
Dietary Fibre	0 g
Calcium	970 mg
Sodium	370 mg

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<b>CHEMICAL</b>	<b>UNITS</b>	<b>MIN</b>	<b>MAX</b>	<b>REFERENCE METHOD</b>
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 1736
Titrateable Acidity	% m/v		0.16	SMEDP 15.020
<b>MICROBIOLOGICAL</b>	<b>UNITS</b>	<b>MIN</b>	<b>MAX</b>	<b>REFERENCE METHOD</b>
Aerobic Plate Count	cfu/g		10,000	ISO 4833-1
Coliforms	/g		Not Detected	ISO 11866-1
Escherichia coli	/g		Not Detected	ISO 11866-1
Yeast and Mould	cfu/g		50	ISO 6611
Aerobic Thermophilic Spores	cfu/g		1,000	100°C/30mins
Coagulase Positive Staphylococci	/g		Not Detected	ISO 6888-3
Listeria	/125g		Not Detected	AOAC 051603/ISO 11290
Salmonella	/750g		Not Detected	AOAC 061504 / ISO 6579
<b>PHYSICAL</b>	<b>UNITS</b>	<b>MIN</b>	<b>MAX</b>	<b>REFERENCE METHOD</b>
Colour	Typical/Atypical	Typical		Fonterra
Foreign matter	/25g	Pass		Fonterra
Scorched particles	/25g		B	SMEDP 15.172
Insolubility Index	ml		1.0	ISO 8156
<b>SENSORY</b>	<b>UNITS</b>	<b>MIN</b>	<b>MAX</b>	<b>REFERENCE METHOD</b>
Flavour	Typical/Atypical	Typical		Sensory Analysis
<b>CONTAMINANTS</b>	<b>UNITS</b>	<b>MIN</b>	<b>MAX</b>	<b>REFERENCE METHOD</b>
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.

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

GDT Specification - Fonterra New Zealand

DATE: 29 June 2021

**UNRESTRICTED****Fonterra will only ship Buttermilk Powder, for Ultra Heat Treated Milk GDT Specification – Fonterra New Zealand 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**

Australia	Guinea	Oman	Zambia
Azerbaijan	Guinea-Bissau	Pakistan	Zimbabwe
Bahrain	**Honduras	**Panama	
Bangladesh	Hong Kong	**Peru	
Benin	Iraq	Philippines	
Bhutan	Jamaica	Republic of the Congo	
Botswana	Japan	Rwanda	
Burkina Faso	Jordan	Sao Tome and Principe	
Burundi	Kenya	Saudi Arabia	
Cape Verde	Kuwait	Seychelles	
Central African Republic	Lesotho	Singapore	
Chad	Liberia	Sierra Leone	
China	Madagascar	Somalia	
Colombia	Malaysia	South Africa	
Comoros	Malawi	Suriname	
Congo, Democratic Republic	Mali	Swaziland	
Cote d'Ivoire	Mauritania	Syria	
Djibouti	Mauritius	Taiwan R.O.C.	
Egypt	Mexico	Tanzania	
Equatorial Guinea	Mongolia	**Thailand	
Ethiopia	Morocco	Togo	
Gabon	Mozambique	Uganda	
Gambia	Myanmar	United Arab Emirates	
Ghana	New Zealand	**Venezuela	
Georgia	Niger	Vietnam	
Guatemala	Nigeria	Yemen	

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