

WHOLEMILK POWDER - RegularGDT Specification
Fonterra New Zealand

PSB.0561

VERSION: 02.0524

UNRESTRICTED**Description**

Regular Wholemilk Powder is a soluble powder made by spray drying fresh pasteurised wholemilk.

FEATURES

- Good solubility
- Full fat content
- Rich creamy flavour

SUGGESTED USES

- Is an ideal milk source for any situation where regular liquid milk supply or refrigeration is not available
- Wide range of applications including reconstituted milk, ice cream mixes, bakery products and snack foods

ALTERNATIVE SPECIFICATIONS

The NZMP portfolio includes targeted specifications for many applications e.g. UHT milk, 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 Bidder Contracting Information File.

**NUTRITIONAL INFORMATION**

(per 100 g product)

Energy (kJ)	2075
Protein (N x 6.38) (g)	24.5
Moisture (g)	3.1
Fat (g)	26.3
Carbohydrate (g)	40.3
Ash (g)	5.8

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: 90 x 53 x 14 cm

**STORAGE AND HANDLING**

Wholemilk 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
placeHandle
with
careKeep
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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PRODUCT BULLETIN

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NUTRITIONAL ANALYSIS

TYPICAL

(per 100 g product)

Energy	2075 kJ
<i>Calories</i>	500 kcal
Protein (N x 6.38)	24.5 g
Fat	26.3 g
<i>Energy from fat</i>	970 kJ
<i>Calories from fat</i>	235 kcal
<i>Saturated fatty acids</i>	17.0 g
<i>Monounsaturated fatty acids</i>	5.6 g
<i>Polyunsaturated fatty acids</i>	0.5 g
<i>Trans fatty acids</i>	1.1 g
Cholesterol	90 mg
Total Carbohydrate	40.3 g
<i>Lactose</i>	40.3 g
Dietary Fibre	0 g
Ash	5.8 g

MINERAL ANALYSIS

TYPICAL

(per 100 g product)

Calcium	830	mg
Potassium	1130	mg
Sodium	250	mg

VITAMIN ANALYSIS

TYPICAL

Vitamin A	280	µg
Vitamin C	13	mg
Vitamin D	<0.22	µg

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	24.0	27.6	ISO 8968-1
Moisture	% m/m		3.5	ISO 5537
Fat	% m/m	26.0	28.0	ISO 23318
Milk Protein in Milk Solids non fat	% m/m	34		Calculation
Titrateable Acidity	% m/v		0.15	SMEDP 15.020

MICROBIOLOGICAL	UNITS	MAX	REFERENCE METHOD
Aerobic Plate Count	cfu/g	10000	ISO 4833 MOD
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	/32.5 g	Pass		Fonterra
Insolubility Index	mL		1.0	ISO 8156
Scorched particles	/32.5 g		B	SMEDP 15.172

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

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

OTHER
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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.

Fonterra will only Ship Regular Wholemilk Powder 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	Jordan	Senegal
Bahrain	Kuwait	Singapore
Bangladesh	Libya	Solomon Islands
Barbados	Malaysia	South Africa
Cambodia	Mauritius	Sri Lanka
Cameroon	Mexico	St Vincent
China	Morocco	Syria
Cote D'ivoire	Mongolia	Taiwan R.O.C.
**El Salvador	Myanmar	**Thailand
Egypt	New Caledonia	Tonga
Fiji	New Zealand	United Arab Emirates
Georgia	**Nicaragua	Vanuatu
Ghana	Nigeria	Vietnam
Grenada	Oman	Western Samoa
**Guatemala	Pakistan	
Guyana	**Panama	
Hong Kong	Papua New Guinea	
Indonesia	**Peru	
Iraq	Philippines	
Jamaica	Saudi Arabia	

This Eligibility Statement should be used in conjunction with Product Bulletin Number and Selling Specification Number PB/SS 561