

WHOLEMILK POWDER - Instant Fortified

GDT Specification - Fonterra New Zealand

PSNB.0560

VERSION: 03.0824

UNRESTRICTED**Description**

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

FEATURES

- Excellent solubility
- Good flow properties
- Full fat content
- Enriched with Vitamin A and Vitamin D
- Rich creamy flavour
- Contains lecithin

SUGGESTED USES

- Instant Wholemilk Powder is typically re-packed for consumer applications

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

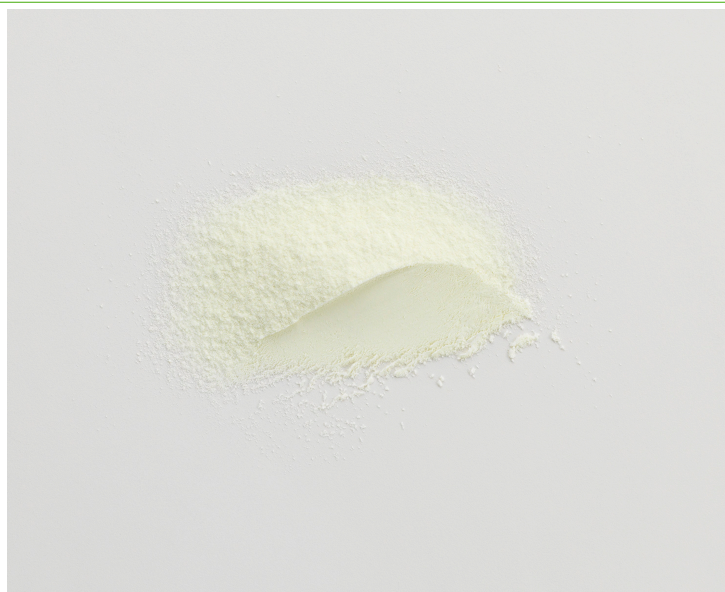
CERTIFICATION

- 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)	2120
Protein (N x 6.38) (g)	24.0
Moisture (g)	2.8
Fat (g)	28.4
Carbohydrate (g)	39.0
Ash (g)	5.8

INGREDIENTS (ALLERGENS IN BOLD)Cow's **milk**, **Soy** lecithin Vitamin A & Vitamin D

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: 95 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
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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NUTRITIONAL ANALYSIS

TYPICAL

(per 100 g product)

Energy	2120 kJ
<i>Calories</i>	510 kcal
Protein (N x 6.38)	24.0 g
Fat	28.4 g
<i>Energy from fat</i>	1050 kJ
<i>Calories from fat</i>	250 kcal
<i>Saturated fatty acids</i>	18.4 g
<i>Monounsaturated fatty acids</i>	6.0 g
<i>Polyunsaturated fatty acids</i>	0.5 g
<i>Trans fatty acids</i>	1.2 g
Cholesterol	100 mg
Total Carbohydrate	39.0 g
<i>Lactose</i>	39.0 g
Dietary Fibre	0 g
Ash	5.8 g

MINERAL ANALYSIS

TYPICAL

(per 100 g product)

Calcium	820	mg
Potassium	1200	mg
Sodium	260	mg

VITAMIN ANALYSIS

TYPICAL

Vitamin C	15	mg
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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	23.3	26.7	ISO 8968-1
Moisture	% m/m		3.5	ISO 5537
Fat	% m/m	28.0	30.0	ISO 23318
Milk Protein in Milk Solids non fat	% m/m	34		Calculation
Titrateable Acidity	% m/v		0.15	SMEDP 15.020
FUNCTIONAL	UNITS		MAX	REFERENCE METHOD
Wettability [25°C]	seconds		40	ISO/TS 17758
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
Bulk Density	g/mL	0.44	0.52	100 Tap
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

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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.

Note: For Vitamins and Minerals, 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 at time of manufacture. It should also be noted that some nutrients degrade over time. The rate of degradation is affected by many factors including formulation, processing, storage conditions and packaging. Validation of this ingredient is recommended to ensure nutrients meet regulatory minimum levels at end of shelf life.

VITAMIN	UNITS	MIN	MAX	REFERENCE METHOD
Vitamin A	µg/100 g	600	1100	HPLC
Vitamin D ₃	µg/100 g	7.5	13.0	UPLC-MS/MS

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

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GDT Specification - Fonterra New Zealand

DATE: 28 November 2024

UNRESTRICTED**Fonterra will only Ship Instant Fortified Wholemilk Powder 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

Bahrain	Mongolia
Bangladesh	Morocco
Cambodia	Myanmar
Cameroon	New Caledonia
China	**Nicaragua
Cote d'Ivoire	Nigeria
Egypt	Oman
**El Salvador	Pakistan
Fiji	**Panama
Georgia	Papua New Guinea
Ghana	Philippines
**Guatemala	Saudi Arabia
Guyana	Senegal
Hong Kong	Singapore
Indonesia	Solomon Islands
Iraq	South Africa
Jamaica	St Vincent
Jordan	Sudan
Kenya	Syria
Kuwait	Taiwan
Libya	**Thailand
Malaysia	United Arab Emirates
Maldives	Vanuatu
Mauritius	Vietnam
Mexico	

This Eligibility Statement should be used in conjunction with Product Bulletin Number and Selling Specification Number PB/SS 560