

**WHOLEMILK POWDER - Instant Fortified**

GDT Specification - Fonterra New Zealand

**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

**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)	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)**

**Cows' 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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### 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: 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.



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.

**NUTRITIONAL ANALYSIS****TYPICAL**

(per 100g of product)

Energy	2120 kJ
<i>Calories</i>	510 kcal
Fat	28.4 g
<i>Energy from fat</i>	1050 kJ
<i>Calories from fat</i>	250 kcal
<i>Saturated fatty acids</i>	18.8 g
<i>Monounsaturated fatty acids</i>	5.7 g
<i>Polyunsaturated fatty acids</i>	0.4 g
<i>Trans fatty acids</i>	1.3 g
<i>Cholesterol</i>	90 mg
Total Carbohydrate	39.0 g
<i>Lactose</i>	39.0 g
Dietary Fibre	0 g
Calcium	820 mg
Sodium	255 mg
Vitamin A	850 µg
Vitamin D	10 µg

CHEMICAL	UNITS	MIN	MAX	REFERENCE METHOD
Protein (N x 6.38) as is	% m/m	23.3	26.7	ISO 8968-1
Milk Protein in Milk Solids non fat	% m/m	34		Calculation
Moisture	% m/m		3.5	ISO 5537
Fat	% m/m	28.0	30.0	ISO 1736
Titrateable Acidity	% m/v		0.15	SMEDP 15.020

FUNCTIONAL	UNITS	MIN	MAX	REFERENCE METHOD
Wettability [25°C]	seconds		40	ISO/TS 17758

MICROBIOLOGICAL	UNITS	MIN	MAX	REFERENCE METHOD
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
Coagulase Positive Staphylococci	/g		Not Detected	ISO 6888-3
Listeria	/125g		Not Detected	AOAC 051603 /ISO11290
Salmonella	/750g		Not Detected	AOAC 061504 / 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	/32.5g	Pass		Fonterra
Scorched particles	/32.5g		B	SMEDP 15.172
Insolubility Index	ml		1.0	ISO 8156

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

VITAMINS AND MINERALS	UNITS	TYPICAL	MIN	MAX	REFERENCE METHOD
Vitamin A	µg/100g		600	1100	HPLC
Vitamin D <sub>3</sub>	µg/100g		7.5	13.0	UPLC-MS/MS

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.

## Fonterra will only Ship Instant Fortified 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

Bahrain	Mexico
Bangladesh	Mongolia
Cambodia	Morocco
Cameroon	Myanmar
China	New Caledonia
Cote d'Ivoire	**Nicaragua
Egypt	Nigeria
**El Salvador	Oman
Ethiopia	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 R.O.C.
Libya	**Thailand
Malaysia	United Arab Emirates
Maldives	Vanuatu
Mauritius	Vietnam

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