

# INSTANT WHOLE MILK POWDER 28% FAT MIN VITAMIN FORTIFIED

PRODUCT GROUP: **Whole milk powder, instantised, fortified** PRODUCT ITEM CODE: **I28VO**

Open Country Instant Whole Milk Powder Vitamin Fortified is made by spray drying pasteurised cow's milk. It is a soluble powder with a sweet desirable flavour. It is fortified with vitamins A & D and agglomerated and instantised for easy mixing into cold water.

## Applications:

Open Country Instant Whole Milk Powder Vitamin Fortified is used for repacking into consumer packs without further processing.

## Suggested Uses Include:

Mixed directly into water in the home and easily reconstitutes to produce a fresh, nutritious milk drink.

## Microbiological Analysis:

Aerobic Plate Count	10,000	cfu/g Max
Coliforms	<1	cfu/g
E.coli	Not Detected	/g
Yeasts & Moulds	50	cfu/g Max
Coag. Pos. Staph	<10	cfu/g
Bacillus Cereus	50	cfu/g Max
Salmonella	Not Detected	/375g
Listeria	Not Detected	/125g
Inhibitory Substances (Antibiotics)	Not Detected	

## Ingredients:

Pasteurised cow's milk, soy lecithin, vitamins A & D.

## Chemical & Physical Properties:

Analysis	Value/Unit
Milk Fat:	28.0 - 30.0 % m/m
Protein:	24.2 - 26.0 % m/m
Protein:SNF Basis:	34.0 % m/m Min
Moisture:	3.0 % m/m Max
Lactose:	39.0 % m/m Typical
Ash:	6.0 % m/m Max
Titrateable Acidity:	0.15 % m/v Max
Free Fat:	≤3.0 % m/v Max
Vitamin A:	2,200 - 8,500 IU/100g
Vitamin D3:	350 - 870 IU/100g
Foreign Matter:	Absent /32.5g
Scorched Particles:	Disc A /65g Max
Insolubility Index:	1.0 ml Max
Bulk Density:	0.44 - 0.52 g/ml, 100 Tap
Coffee tests:	
Floating Particles:	0
Sediment:	Some (0 - 10%)
Wettability:	15 seconds Max
Dispersability:	85.0% Min
Colour:	Light Cream
Flavour:	Sweet, free of undesirable odour

## Quality Assurance:

The manufacturing environment is subject to regular monitoring and control. Final product is sampled, examined, and subjected to laboratory analysis. The dairy products are manufactured and tested in premises meeting legislative standards administered by the Ministry for Primary Industries. During storage and shipment precautions are taken to ensure that product quality is maintained. Each package is identified, enabling trace back.

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## Packaging Information:\*

Packed into nitrogen or carbon dioxide flushed multiwall kraft, Open Country branded bags with polyethylene gas barrier liner.

Pack Size:	25 kg
Dimensions:	930mm H x 535mm W x 140mm D
Gross Weight:	25.4 kg
Bags per layer:	8
Layers per pallet:	7
Total Bags:	56
Container Load:	(20ft) 14 tonne (40ft) 25.2 or 28 tonne**

\* Packing and pallet information may change to suit product, customer or shipping requirements.

\*\* Weight restrictions apply.

## Coding:

Bags are coded with factory registration number, lot number (line, cypher), unit number, date of manufacture (DD MMM YYYY), and expiry date (728 days) (DD MMM YYYY).



## Storage Instructions and Shelf Life:

Milk powders have a tendency to absorb odours. Therefore this product is stored in an odour free environment, away from direct sunlight and at a temperature below 25°C with relative humidity below 65% in order to maintain its functional properties. While the bag is intact and the product kept under these conditions it has a shelf life of 728 days from date of manufacture.

## Allergen Status:

Contains Milk and Soybean Products.

## Certifications & Registrations:

MPI & HACCP Approved, Halal Certified, Codex Compliance, EU Certification on request.

## Nutritional Information:

Nutrient	Average Quantity per 100g
Energy (kJ)	2,139
Protein (g)	24.8
Fat - total (g)	28.5
- saturated (g)	18.9
Carbohydrate (g)	39.0
- sugars (g)	39.0
Sodium (mg)	270

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