

## Skimmed Milk Powder 31%

### Description

Skimmed Milk Powder (SMP) is a soluble powder made by spray drying of fresh pasteurized skim milk.

### Properties

- Free flowing powder
- Clean Flavor
- Good dispersibility
- Good solubility

### Applications

- Reconstituted milk
- Dairy Products (yoghurt, Cheese)
- Ice cream
- Desserts
- Chocolates
- Confectionary products
- Bakery Products

### Chemical Specifications

Parameter	Limit Value	Test Method
Moisture	Max 5%	ISO 5537- IDF 26
Fat	Max 1.5%	ISO 23318- IDF 249
Protein	Min 32%	ISO 8968-1- IDF 20-1
pH	6.5-6.75	10% Solution
Lactose	Min 50%	ISO 22662:2024- IDF 198
Titratable Acidity	Max 17°D	ISO 6091- IDF 86
Ash	7.6-8.2%	AOAC 930.30-1930
Scorched Particle	Disc A*	ISO 5739- IDF 107
Insolubility Index	Max 1ml	ISO 8156-IDF 129

\*7.5 mg in 25 g

### Packaging

This product is packed in 25Kg paper bags with composite liners to avoid environmental damages and cross contaminations.

### Storage and Handling

Store in the original sealed packing in ambient condition (under 25°C and maximum RH of 65%) without exposure to direct sunlight and away from moisture in a hygienic environment.

### Shelf Life

24 months if kept under the prescribed storage conditions.

### Microbiological Specifications

Parameter	Limit Value	Test Method
Mesophilic Total count	Max 10 <sup>5</sup> CFU/g	ISO 4833-1
Coliform	Max 10 CFU/g	ISO 4832
Salmonella	Negative	ISO 6579-1
Yeast & Molds	Max 100 CFU/g	ISO 6611- IDF 94
E. coli	Negative	ISO 11866-2
Coagulase-positive Staphylococci	Negative	ISO 6888-3

### Contaminations Specifications

Parameter	Limit Value	Test Method
Aflatoxin M1	Max 1 ppb	ISO 14501-IDF 171
Lead	Max 0.02 ppm	AOAC 999.11
Melamine	Max 2.5 ppm	ISO/TS 15495-IDF/RM 230

Antibiotic – Not Detected – tested on twinsensor rapid test (KIT035) for tetracycline,  $\beta$ -lactam and sulfonamide.

### Labelling

Labelled in accordance with the Codex General Standard for the Labelling of Prepackaged Foods (CODEX STAN 1; 1985 (Rev. 1-1991)), the Codex General Standard for the Use of Dairy Terms (CODEX STAN 206; 1999) and the relevant labelling section of Codex commodity standards for individual milk products

### Allergens

Milk and milk Products thereof (including Lactose)

### GMO

Not submitted to the EU regulations n° 1829/2003 and 1830/2003 relating to Genetically Modified (GM) food and feed

### Nutritional Information

Parameter	Content (per 100g)
Energy	357.7 kcal (1496.616 kJ)
Protein	33.4 g
Carbohydrate	54 g
Fat	0.9 g