

Butter Milk Powder

Description

Butter milk powder is a product of pasteurizing and spray drying of liquid butter milk which is a byproduct of butter churning process.

Properties

- Free flowing powder
- Creamy-white color
- Good dispersibility
- Free from foreign particles
- No additives

Applications

- Skim milk powder substitution
- Dairy Products (cheese etc.)
- Dietary foods
- Desserts and frozen desserts
- Chocolates
- Confectionary products
- Bakery Products
- Salad Dressing
- Dry mixes
- Beverages

Chemical Specifications

Parameter	Limit Value	Test Method
Moisture	Max 4%	ISO 5537- IDF 26
Fat	6-10%	ISO 23318- IDF 249
Protein	27-30%	ISO 8968-1- IDF 20-1
pH	6.3-6.8	10% Solution
Lactose	47-54%	ISO 22662:2024- IDF 198
Titratable Acidity	10-18°D	ISO 6091- IDF 86
Ash	7-7.4%	AOAC 930.30-1930
Scorched Particle	Disc A*	ISO 5739- IDF 107

*7.5 mg in 25 g

Packaging

Packed in 25 kg kraft paper multi-wall sacks with an integral polyethylene liner, closed by heat sealing and stitching.

Storage and Handling

Product should be stored and shipped in a cool, dry environment with temperatures below 25°F and relative humidity below 65%. Stocks should be rotated and utilized within 6 - 9 months.

Shelf Life

12 months if kept under the prescribed storage conditions.

Microbiological Specifications

Parameter	Limit Value	Test Method
Mesophilic Total count	Max 10 ⁵ CFU/g	ISO 4833-1
Coliform	Max 10 CFU/g	ISO 4832
Salmonella	Negative	ISO 6579-1
Yeast & Molds	Max 100	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

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	368 Kcal (1539.71KJ)
Protein	30 g
Carbohydrate	53 g
Fat	4 g