

## Buttermilk Protein Concentrate Powder

### Description

Buttermilk protein concentrate powder is a spray-dried powder produced after ultrafiltration of buttermilk.

### Properties

- Free flowing powder
- Creamy-white color
- Good dispersibility
- Free from foreign particles
- High protein content

### Applications

- 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 5%	ISO 5537- IDF 26
Fat	17-21%	ISO 23318- IDF 249
Protein	45-50%	ISO 8968-1- IDF 20-1
pH	6.5-7.2	10% Solution
Lactose	Max 22%	ISO 22662:2024- IDF 198
Titratable Acidity	7-11°D	ISO 6091- IDF 86
Ash	Max 9%	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 <sup>5</sup> 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	443 Kcal (1853.51)
Protein	48 g
Carbohydrate	20 g
Fat	19 g