

SPECIFICATION SHEET

Milk Protein Concentrate, MPC 85

Product description

Milk Protein Concentrate is a soluble milk protein powder, manufactured from fresh pasteurized skim milk by ultra filtration and spray drying.

Physical	Typical value	Specification
Insolubility	0,5	1.0 ml max.
Scorched particles (ADPI)	A	B max.
pH (10% sol. 20 °C)	6.8	7.2 max.

Chemical

Fat	2.0	2.5 % max.
Protein (N x 6.38) in dry matter	85.1	85.0 % min.
Lactose (by calculation)	5.5	
Ash	7.3	8.5 % max.
Moisture	5.5	6.0 % max.

Microbiological

Standard plate count	< 5,000	30,000 /g max.
Yeast & Moulds	< 50	100 /g max.
Coliforms	< 5	< 10 / g
Coag. Positive Staph.	< 10	< 10 / g
E-Coli	negative	negative / g
Salmonella	negative	negative / 125 g

Sensory

Colour	White to light cream	
Taste and Odour	Clean and bland	

Nutritional Information

Energy content	1,550 kJ/100 g	
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Storage & Shelflife

Relative Humidity	65 % max.	
Temperature	25 °C max.	
Shelf life	24 months	12 months min.

Packaging

Bag: more ply with inner liner	20 kg	
Semi bulk: big bag	abt. 750 kg	

Quality and assurance

The product is manufactured in accordance with international standards and guidelines. Each package is marked to enable trace back.