PASTEURIZED COLOSTRUM POWDER FOOD - 25% IgG

Specification code CP/25/MP/E

Specification Sheet: Pasteurized Bovine Colostrum Powder - INSTANT

Product Trade Name	Pasteurized Colostrum Powder FOOD - 25% IgG
Description	Food-grade bovine colostrum powder is produced from first milking colostrum (within the first 12 hours), rich in maternal antibodies. This raw material is 100% natural and sourced from authorized dairy farms. The company places special emphasis on every stage of the production process to ensure the preservation of biological activity and nutritional value of its products. This FOOD colostrum powder is a food-grade raw material intended for human consumption.
Production Process	Each batch is carefully identifed and controlled within a traceability system. The first-milking colostrum is defatted and spray-dried. The processing includes microfiltration and heat treatment (pasteurization). A full microbiological analysis is carried out on every batch of the finished product before it is released for sale. Microbiological testing is performed by external, accredited laboratories. The drying process is conducted using spray-drying technology (PSD tower), which protects bioactive proteins and ensures a granulated (immediate solubilisation).
List of Ingredients	Spray-dried bovine colostrum powder (contains lactose), Emulsifier: sunflower lecithin (E322).
Packaging	The colostrum powder is packed in 10kg bags.
Storage	Shelf life: 30 months from the date of production in the original, sealed packaging. The product should be stored in a dry, dark place at a room temperature.

Physical Properties

Compostion	Specification	Control Frequency
Appearance: Spray dried-powder	Cream/yellowish-white color	Each batch
Odor	Characteristic of dairy products (milky)	Each batch
GMO	GMO-free, compliant with EU regulations	

Analytical properties

Compostion	Specification	Control Frequency
Dry matter	94%±2%	Once a year
Protein	60g/100g	Once a year
Fat	≤0,5g/100g	Once a year
Carbohydrates	15g/100g	Once a year
Ash	4,0 - 8,0%	Once a year
Salt	1%	Once a year
Saturated fatty acids	≤0,5g/100g	Once a year
Sugars	20/100g	Once a year
Pesticides, antibiotics, heavy metals	Below MRL	Once a year

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Active ingredients

Compostion	Specification	Control Frequency
Immunoglobulins (Ig)	min. 25%	Each batch

Microbiological controls

Compostion	Specification	Control Frequency
Total Plate Count	<5.000CFU/g	Each batch
Coliforms	<10CFU/g	Each batch
Listeria monocytogenes	Absent/25g	Each batch
Enterobacteriaceae	<10CFU/g	Each batch
Staphylocoques coagulase+	Absent/100mg	Each batch
Salmonella	Absent/25g	Each batch
Clostridium perfringens	<1000CFU/g	Each batch
Yeasy & Molds	<100CFU/g	Each batch

Allergens (in accordance with EU No. 1169/2011, as amended by the European Parliament and Council on 25 Octob

	As an ingredient	Possible cross-contamination
Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and derived products	No	No
Crustacans and derived products	No	No
Eggs and derived products	No	No
Fish and derived products	No	No
Peanuts and derived products	No	No
Soya and derived products	No	No
Milk and derived products (including lactose)	Yes	Yes
Nuts (i.e. almonds, hazelnuts, walnuts, pecans, Brazil nuts, pistachios, macadamia nuts and Queensland nuts) and derived products	No	No
Celery and derived products	No	No
Mustard and derived products	No	No
Sesame seeds and derived products	No	No
Sulphites (E220 - 228) and sulphur dioxide (≥10ppm SO2)	No	No

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Lupin and derived products	No	No
Molluscs and derived producs	No	No

Food contamination

The raw material has guaranteed food quality in accordance with applicable regulations concerning:
• mycotoxins (EU Regulation 2023/915, as amended)
• heavy metals (EU Regulation 2023/915, as amended)
• natural plant toxins (EU Regulation 2023/915, as amended)
• pesticide residues (EC Regulation 396/2005, as amended).
Contaminants are monitored on an ongoing basis in manufactured products using a risk based sampling plan.

Nutritional information/100g

Ingredient	Min.	Max.
Energy	1457 kJ/348 kcal	1633 kJ/390 kcal
Protein	65g	74g
Fat	0,5g	2,0g
Saturated fatty acids	0,0g	0,01g
Carbohydrates/glucosides	12,0g	18,0g
Sugars	12,0g	18,0g
Salt	1,0g	1,5g

Applications

There are no known restrictions on consumption for certain groups of people. If in doubt, consult your doctor before use. This information is based on current knowledge and has been provided to the best of the manufacturer's knowledge. Colostrum powder is soluble in water. It can be added to liquid products and beverages, as well as used in the production of capsules and tablets.

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