



LACTEOS LA CRISTINA S.A.

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Villa María – Córdoba
Argentina

TECHNICAL DATA SHEET

DEMINERALIZED WHEY POWDER 90%

Documento	FTPI,03,01
Fecha de emisión	20071030
Fecha de revisión	20150316
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Product description:

- ✓ Appearance: powder obtained through spray drying process. It has uniform composition and it is white to light cream colour.
- ✓ Taste and flavour: Typical, sweet and light.

Chemical-physical analysis:

- ✓ Moisture: max. 3,0 %
- ✓ Fats(%): max. 1,0 %
- ✓ pH: 6,5-7,2 (Solution 10 %)
- ✓ Milk acidity: max. 10 °D
- ✓ Proteins (%): min 12,00 %
- ✓ Ash (%): max. 1,0 %
- ✓ Lactose: min.79,0 %
- ✓ Scorched particles: Standar Plate 1-2. Max. 6 mg/kg- Pad A.
- ✓ Antibiotics and pesticides: not detected.
- ✓ Aflatoxin M1: max 0.2 ppb.
- ✓ Nitrites: max 2 ppm.
- ✓ Nitrates: max 100 ppm.
- ✓ Lead: max 0.1 mg/kg.
- ✓ Arsenic: max 0.07 mg/kg.
- ✓ Heavy metals: max 10 mg/kg.
- ✓ Benzoic Acid: max 35 ppm.

Microbiological analysis:

- ✓ Aerobic Plate Count: max. 1.500 C.F.U. /g.
- ✓ Coliforms: absent at 1g.
- ✓ E. coli: absent at 5 g.
- ✓ Staphilococcus aureus: absent at 1 g.
- ✓ Salmonella: absent at 25 gr
- ✓ Yeasts and Moulds: max 10 C.F.U./g.
- ✓ Bacillus cereus: max 30 C.F.U./g.
- ✓ E Sakasakii : absent at 100 gr.
- ✓ Listeria Monocytogenes: absent at 25 g.
- ✓ Thermophilic Bacteria: < 100 U.F.C. /g.

Mineral Profile :

- ✓ Calcium : typical value <100 mg/100 g.
- ✓ Chlorides : typical value <60 mg/100 g.
- ✓ Magnesium: typical value <35 mg/100 g.
- ✓ Phosphorus: typical value <190 mg/100 g.
- ✓ Potassium: typical value <120 mg/100 g.
- ✓ Sodium: typical value <80 mg/100 g.

Packaging:

- ✓ 25 kg bag (net weight) polyethylene inner bag with 3 ply paper bag.

Shelf life

- ✓ 18 months from date of manufacture under recommended storage conditions.

Storage

- ✓ Keep in cool (10-25 °C), dry and dark place.
- ✓ Avoid exposure to sunlight or strong odors.