



Dasa-Rägister
 EN ISO 9001 (2000)
 IQ-1100-14

I
 02/143
 CEE

Product Schedule

Product description, Conversion Process and Use:

The whey powder is produced starting from 'sweet' liquid whey. The liquid whey is first pre-concentrated in a falling film evaporator with MVR (mechanical vapour recompression) which brings the whey concentration to 30% SM. Thereafter it is demineralised to 70% using an electro dialysis system. The whey is then concentrated to 60% SM using a further falling film evaporator with TVR (thermal vapour recompression). It is then crystallised and dried in a spray tower.

Organoleptic characteristics:

White to creamy-white coloured and neutral odour. Its bulk density is 500-600 g/l.

Physico-chemical properties (mean values for powder):

Moisture:	3.5 % max
Protein:	12 % min
Ash:	3 % max
Calcium:	0.2 %
Magnesium:	0.05 %
Sodium:	0.2 %
Potassium:	0.75 %
Chlorides (Cl-):	0.3 %
Lactose:	78 %
Fats:	1.25 % max
pH:	6.3 min
Burnt Particles:	Disc A

Bacteriological characteristics (values for the powder):

Total Bacteria Count:	10.000 CFU/g max
Yeasts and Moulds:	100 CFU/g max
Enterobacteria:	10 CFU/g max
Total Coliforms:	Absent/g
Faecal Coliforms:	Absent/g
E.Coli:	Absent/g
Faecal Streptococchi:	100 CFU/g max
Bacillus Cereus:	100 CFU/g max
Spores of sulphite reducing clostridia:	10 CFU/g max
Salmonella:	Absent/25g
Listeria:	Absent/25g

Contaminants (values for powder):



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Antibiotics:	Absent
Antiseptics:	Absent
Copper:	5 ppm max
Arsenic:	1 ppm max
Lead:	0.5 ppm max
Mercury:	0.05 ppm max
Cadmium:	0.05 ppm max
Nitrates:	50 ppm max
Nitrites:	5 ppm max
Organo-chlorine pesticide residues :	1 ppb max
Organo-phosphorus pesticide residues:	10 ppb max

Packaging:

Packaging is available in two forms:

- In 25 Kg 4-ply paper bags with another inner bag of welded polyethylene.
- In 'big bags' from 1.000 kg to 1.300 kg with an inner ply of polyethylene.

In both cases the packed products are placed on 1.2 m x 0.8 m on wooden Euro pallets (EPAL).

The products are stored in a suitably air conditioned environment.