

PRODUCT SPECIFICATION

Product:	Skimmed milk powder
Appearance:	Homogeneous dry powder, without solid lumps. Breast products that fly away by mechanical action are allowed. Without extraneous inclusions and burns.
Taste and smell:	Pure, typical of pasteurized skim milk, without extraneous flavors and smells.
Colour:	White, white with a light cream tint, uniform in eyelash mass.

PHYSICAL AND CHEMICAL INDICATORS

Test item name and unit	Permissible limits
Mass fraction of fat %	Max 1.5
Mass fraction of moisture %	Max 4.0
Titrated acidity °T	Max 18
Solubility index ml	Max 0.2
The presence of burnt particles purity	Disk A
Mass fraction of protein in dry low-fat milk residue %	Min 35.5
Ash %	Max 8.5
Lactose %	Min 50

MICROBIOLOGICAL INDICATORS

Parameter	Permissible limits
Numbermesophilic and optionally anaerobic microorganisms, colony-forming unit in 1 gr	Max 5,0×10 ⁴
Bacterium of intestinal bacillus	Absent in 0.1 g
Listeria monocytogenes	Absent in 25 g
Coagulase-positive staphylococci	Less than 10 CFU/g
Enterobacteriaceae	Less than 10 CFU/g
Salmonella	Absent in 25 g

SAFETY INDICATORS

Parameter	Permissible limits
Toxic elements, mg/kg:	
- Plumbum (in reconstituted product)	No more 0.020
Mycotoxins, mkg/kg:	
- Aflatoxin M1 (in reconstituted product)	No more 0.050
Antibiotics, mg/kg:	
- Tetracycline group	Max 0,01
- Penicillin	Max 0,01
- Streptomycin	Max 0,5
Radionuclides, Bq/kg:	
- Cesium-137	Max 500
- Strontium-90	Max 100

Pesticides, mg/kg:	
- Bazudin	Not allowed
- Carbophos	Not allowed
- Metaphos	Not allowed
- Chlorophos	Not allowed
- Dichlor Diphenyl Trichloromethylmethane	Max 0,1

OTHER PARAMETERS

Parameter	Value
Allergens:	Contains milk, including lactose.
Storage conditions:	At a temperature of not more than 25 °C and relative humidity of not more than 85%
The recommended shelf life of the product:	18 months from the date of manufacture.
Packing:	25 kg multilayer paper bag with plastic liner