

Milk Minerals Standard

Product Definition

Milk minerals are fractionated from whey or milk by one of several different isolation techniques, dried, and then ground into fine powders. Milk Minerals are particularly rich in calcium and phosphorous. The acidity of Milk Minerals may be adjusted by the addition of safe and suitable pH adjusting ingredients. Milk Minerals for human consumption complies with all provisions of the U.S. Federal Food, Drug, and Cosmetic Act.

Composition

Classification	Minerals %	Calcium %	Protein %	Fat %	Lactose %	Total Moisture %
Milk Minerals	Min. 70.0%	Min. 22.0%	Max. 7.0%	Max. 1.0%	Max. 11.0%	Max. 6.0%

Other Characteristics

Scorched Particle Content	≤ 15.0 mg
Color	white to light cream
Flavor	bland, clean, milky
pH	6.4 - 7.5

Microbiological Analysis

Standard Plate Count	≤ 10,000 cfu/g
Coliform	≤ 10 cfu/g
Salmonella	negative
Listeria	negative
Coagulase	positive
Staphylococci	≤ 10 cfu/g
Yeast & Mold	≤ 50 cfu/g

Methods of Analysis

Criteria	Reference Method
Minerals	AOAC 930.30
Calcium	AOAC 984.27
Protein	AOAC 991.20
Fat	AOAC 932.006
Lactose	ISO 22662/IDF 198
Moisture	AOAC 927.05