

LACTOSE

GENERAL DESCRIPTION

Lactose is the main carbohydrate in milk, is a disaccharide that is hydrolyzed to glucose and galactose unfold. The product is a fine powder, non-hygroscopic characteristic tastes sweet and leaves no residual flavors on the palate.

Chemical Analysis

protein	: 0.5 % Max.
moisture	: 0.3 % Max
Minerals	: 0.5 % Max
Fats	: 0.1 % Max
lactose	: 99.0 % Min.
acidity	: 0.16% Max.

Microbiological Analysis

Aerobic mesophilic viable	: 15.000/g Max.
Salmonella	: Ausencia /25g
Staph. coagulase-positive	: Ausencia
Coliform	: < 10 / g
Yeasts and molds	: < 10 / g

Sensory Analysis

Appearance: Crystalline, free flowing powder
 Color: White to light yellow
 Odor: Characteristic
 Taste: Slightly sweet

Applications

Lactose powder is a multifunctional food ingredient and provides benefits to a wide variety of industries in the preparation of soups, breads, cakes, cookies, candy, infant formulas and drug products. Lactose provides economy in operation, cooperate in reducing the excessive sweetness, suppresses the crystallization of sucrose and browning aid. Its nutritional benefits are positive influence calcium absorption, promoting favorable intestinal flora, low carcinogenicity, etc..

Prebiotics stimulating the growth of beneficial intestinal bacteria such as bifidobacteria and lactobacilli pathogenic bacteria and inhibiting, lactose contributes to a healthy intestinal flora.

Packing

Laminated polyethylene inner bag of 100 microns completely sealed and multilayered kraft paper bag with moisture barrier. Net weight 25 kg product.

Storage and Handling

Store in a cool dry place at temperatures below 25 ° C and a relative humidity less than 65%.
 Opening the bag to be taken care to seal the polyethylene packaging to prevent moisture pickup.
 The shelf life is at least 12 months.



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