

Product specification

Lactose edible, organic

General Information

Lactose-monohydrate (milk sugar) for human consumption produced from organic whey concentrate conforms with the EU- and CHN- Organic Regulations. Certified By Skal Bio Controle and the COFCC.

Intended use

Food Industry

Ingredient

Lactose

Chemical & Physical Characteristics

	typical	standard	unit	reference
Lactose	99,4	min 99,0	%	IDF 79
Protein (KjN*6,38)	<0,1	max 0,4	%	IDF 20A
Ash	<0,1	max 0,4	%	ADPI
Moisture	<0,2	max 0,5	%	102 °C
PH	6,2	min 5,8 max6,6		10 % solution
Scorch. Particles	Disc A (7.5 mg)	max 15mg	mg	ADPI
Particle size	80-100 mesh			

Microbiological Characteristics

	typical	standard	unit	reference
Total plate count	<100	max 1000	/g	ISO 4833
Salmonella	neg.	neg	/125 g	ISO 6579
Enterobacteriaceae	neg.	max 100	/1,0 g	ISO 21528-2 37 °C
Moulds	<50	max 100	/g	ISO 7954
Yeasts	<50	max 100	/g	ISO 7954
Staphylococcus aureus	neg.	max 10	/1,0 g	ISO 6888
Faecal streptococci	<10	max 100	/g	KF Agar Plate Method
Bacillus cereus	<10	max 10	/g	ISO 7932
Aerobic Thermophylic Count 55°	<10	max 100	/g	ISO 4833
Aerobic Count 30°;Sporeforming	<10	max 100	/g	ISO 4833
Enterobacter sakazakii	neg.	neg.	/g	ISO/TS 22964:2006,IDT

Allergens

Milk and products thereof (including lactose)

Contaminants

Antibiotics neg. Delvo SP
Pesticides and PCB's: Conform Regulation (EC) 1881/2006

Sensorical Characteristics

Appearance: Free flowing powder, free of lumps other than those which break up under slight pressure
Taste and flavour: Slightly sweet, with no off-flavours
Colour: White, yellowish/white

Storage and shelf life

Product should be stored in cool (20 °C) and dry conditions (65% r.h.)
Do not expose to direct sunlight or strong odours.
Shelf life: 24 months

GMO

Not present, no labelling required according EG 1829/2003 and 1830/2003

Conformity

We confirm that the delivered product conforms with the current EU-Foodregulations, Eu-Organic regulation (certified by Skal, bio controle) and the Chinese Organic regulation (certified by COFCC). The product is halal certified, it does not contain unauthorized ingredients.

Packaging

The packaging is conform to the legal requirements of Regulations (EC) 1935/2004, (EC) 2023//2006 and (EU) 10/2011 as amended.
Multi layer paper bag with PE inner bag, net weight 25 kg on disposable pallet.
Clean, dry and undamaged pallets with carton layer and pallet cover.

Intended use

If the intended use of products is infant nutrition or foods for special medical purposes, the final product is supposed to be fully heat treated as an additional mandatory action at customer's site to meet legal requirements on inactivation of pathogens.