

PRODUCT DESCRIPTION - PD 206593-11.0EN

Material no. 50309

KL 71 LYO 10 D

CHOOZIT® Cheese Cultures

Description

Yeasts for deacidification in cheese making and aroma developing.

The culture is a freeze-dried powder.

Usage levels

Product ripened cheese 2 doses / 1,000 l of milk

The quantities of inoculation indicated should be considered as guidelines. Supplement cultures may be required depending on technology, fat content and product properties desired.

We do not accept any liability in case of undue application.

Directions for use

Direct inoculation of cheese milk

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Composition

Kluyveromyces lactis

Properties

- Development potential of KL 71 LYO 10 D in the cheese maturation environment.
- Rapid neutralisation capability, aroma development, and enzymatic activity.
- KL 71 LYO 10 D is compatible with other desirable flora during cheese making.
- Carbohydrate metabolism assimilation of sugar (strict aerobic),
- Protein metabolism: caseolytic and aminopeptidasic activity, yielding peptides and amino-acids.
- Lipid metabolism: degradation of triglycerides.

Kluyveromyces lactis is a synonym of Kluyveromyces marxianus var. lactis.

Microbiological specifications

Microbiological quality control - standard values

Cell count 2.0E+9 CFU / dose
Tolerance: from 1.8E+9 to 4.0E+9 CFU

Aerobic contaminant < 100 CFU/g
Enterobacteriaceae < 10 CFU/g
Foreign Yeasts and Moulds < 10 CFU/g
Enterococci < 100 CFU/g
Clostridia spores < 10 CFU/g
Coagulase-positive staphylococci < 10 CFU/g
Listeria monocytogenes neg. / 25 g
Salmonella spp. neg. / 25 g

Analytical methods available upon request

Storage

18 months from date of production at ≤ -18 °C
6 months from shipment date at + 4°C

Packaging

These freeze-dried cultures are packaged in sachets. The following information is printed on each sachet: Product name, dosage, batch no and shelf life at -18°C.

Quantity

Unit pack: box of 20 sachets

Purity and legal status

KL 71 LYO 10 D meets the specification laid down by the EU legislation.

Local regulations should always be consulted concerning the status of this product, as legislation regarding its use in food may vary from country to country.

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Safety and handling

SDS is available on request.

Kosher status

Kosher certificate available on request.

Halal status

Halal certificate available on request

Allergens

Below table indicates the presence (as added component) of the following allergens and products thereof:

Yes	No	Allergens	Description of components
	X	wheat	
	X	other cereals containing gluten	
	X	crustacean shellfish	
	X	eggs	
	X	fish	
	X	peanuts	
	X	soybeans	
	X	milk (including lactose)	
	X	nuts	
	X	celery	
	X	mustard	
	X	sesame seeds	
	X	sulphur dioxide and sulphites (> 10 mg/kg)	
	X	lupin	
	X	molluscs	

Local regulation has always to be consulted as allergen labelling requirements may vary from country to country.

GMO status

KL 71 LYO 10 D does neither consist of GMO, contain GMO nor is produced from GMO according to the definitions of EU Regulation 1829/2003 and 1830/2003.

The information contained in this publication is based on our own research and development work and is to the best of our knowledge reliable. Users should, however, conduct their own tests to determine the suitability of our products for their own specific purposes and the legal status for their intended use of the product. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for the infringement of any patents.