

PRODUCT DESCRIPTION - PD 274316-5.0EN**Material no. 91053****DANISCO® VEGE 053 LYO 200 DCU**

DANISCO® VEGE Cultures

Description

A blend of defined strains of lactic acid bacteria for direct vat inoculation and fermentation of plant-based food and beverages.

The culture is a freeze-dried powder.

Usage levels

Product	Dose
Vegetal/Plants	10 - 20 DCU / 100 l

The quantities of inoculation indicated should be considered as guidelines.

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

Supplement cultures may be required depending on technology, protein, fat content and product properties desired.

Directions for use

Take package from freezer just before use. Sanitize sachet with chlorinated water or appropriate sanitizer before opening (blot dry with a paper towel if necessary to prevent clumping around sachet opening). Once the sachet is open, pour the culture directly to the pasteurized mix. Agitate for approximately 15 to 30 minutes on low speed to avoid foam and air introduction into the milk. The whole content of the sachet has to be applied in order to guarantee constant product quality.

Composition

Streptococcus salivarius subsp. thermophilus
(formerly: Streptococcus thermophilus)
Lactobacillus delbrueckii subsp. bulgaricus
Lactobacillus delbrueckii subsp. lactis
Bifidobacterium animalis subsp. lactis HN019™
(formerly: Bifidobacterium lactis (HN019™))
Lactobacillus acidophilus NCFM®

Physical/chemical specifications

Quantitative/Activity standard

Test medium:

Sterilised reconstituted soy drink (4% protein) + 3% sucrose

Heated 30 min at 99 °C

Temperature: 40 °C

Inoculation rate: 20 DCU / 100 l

Time to pH 4.60 <= 9,00 h

White to brown colored free-flowing product with typical odor of fermented product, without any foreign material as per process-defined risk mitigation, color can vary from batch to batch

Microbiological specifications

Microbiological quality control - standard values

Non-lactic acid bacteria	< 500 CFU/g
Enterobacteriaceae	< 10 CFU/g
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 <= 4 °C

Packaging

Sachets made with three layers of material (polyethylene, aluminium, polyester).

Quantity

Selling unit: 1 carton containing 50 sachets.

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Purity and legal status

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

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 reviewed and checked by the user of this product as allergen labelling requirements may vary between countries.

Additional information

The values indicated in this document correspond to results from standardized laboratory tests conducted by IFF. In practice, other values can be expected depending on the test type and technology used. Due to advances in testing capabilities and continuous product improvement it may be necessary to change standard values in the future.
DANISCO® VEGE 053 LYO 200 DCU is manufactured in compliance with applicable global food safety standards. The third party certificate of the manufacturing site is available upon request.

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GMO status

DANISCO® VEGE 053 LYO 200 DCU does neither consist of GMO, contain GMO nor is produced from GMO according to the definitions of EU Regulation 1829/2003 and 1830/2003.

Country of origin

France