

## PRODUCT DESCRIPTION - PD 276598-5.1EN

Material no. 61016025

### KP - HOWARU® Rhamnosus 450B - 20 KG (PAREVE)

HOWARU® Premium Probiotics

#### Description

Freeze-dried probiotic powder. White to cream-color in appearance.

#### Directions for use

See Danisco Probiotic Usage & Handling Guide

#### Composition

Lacticaseibacillus rhamnosus (HN001™)

Lacticaseibacillus rhamnosus formerly known as Lactobacillus rhamnosus

#### Properties

Morphology - Gram positive rods of varied length, commonly occurring in short chains

ATCC Strain deposit number: SD-5675

#### Physical/chemical specifications

Water Activity	<= 0.15
Microscopic Identification	Conforms

#### Microbiological specifications

Cell count	> 4.50E+11 / g
Non-Lactic Count	< 5000 / g
Enterococci	< 100 / g
Coliforms	< 10 / g
E. coli	neg. in 10 g
Staphylococcus aureus	neg. in 1 g
Salmonella	neg. (40 g enrichment)
Listeria	neg. (25 g enrichment)
Yeast & Mold	< 100 / g

#### Storage

Shelf life is 24 months when stored in the original, sealed package at or below 4°C.

#### Packaging

64L HDPE drum with CDF foil liner

#### Quantity

20 kg

#### Purity and legal status

The above product meets the current strain specific USP/NF monograph.

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

MSDS is available on request.

#### Kosher status

Circle K Pareve

#### Halal status

IFANCA certification

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#### 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.

#### Additional information

Strain isolation source: Dairy

#### GMO status

KP - HOWARU® Rhamnosus 450B - 20 KG (PAREVE) does not consist of, nor contains, nor is produced from genetically modified organisms according to the definitions of Regulation (EC) 1829/2003 and Regulation (EC) 1830/2003 of the European Parliament and of the Council of 22 September 2003.

#### Country of origin

Made in the USA using foreign and domestic ingredients

#### Nutritional data

ANALYSIS	TYPICAL VALUES /100 g
Total Calories	303.8 kcal
--Calories from fat	8.9 kcal
Total fat	1.0 g
--Saturated fat	0.3 g
--Trans fat	0.0 g **
Cholesterol	0.0 mg **
Sodium	580.0 mg
Carbohydrates	44.5 g
--Dietary fiber	0.0 g **
--Total sugars* (added)	36.8 g
Protein	29.2 g
Vitamin A	< 5 IU
Vitamin C	0.0 mg **
Vitamin D	0.0 IU **
Calcium	15.0 mg
Iron	0.7 mg
Potassium	6350.0 mg
Moisture	3.3 g
Ash	21.9 g

\* Total sugars is the same as added sugar

\*\* Not a significant source