

PRODUCT DESCRIPTION - PD 223307-6.0EN

Material no. 1245348

HOWARU® Bifido 300B - 1 KG

Description

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

Directions for use

See Danisco Probiotic Usage & Handling Guide

Composition

Bifidobacterium lactis (HN019)

Microbiological specifications

Cell count	> 3.00E+11 / g
Non-Lactic Count	< 5000 / g
Enterococci	< 100 / g
Coliforms	< 10 / g
E. coli	neg. by test (< 0.3 / g)
Staphylococcus (coag. pos.)	neg. by test < 10 / g
Salmonella	neg. (40 g enrichment)
Listeria	neg. (25 g enrichment)

Storage

Shelf life is 18 months when stored in the original, sealed package at or below 4°C. Frozen storage will extend shelf life.

Packaging

High barrier foil laminate bags

Quantity

1 kg

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

MSDS is available on request.

Kosher status

Circle K certification

Halal status

IFANCA certification

Allergens

Below table indicates the presence 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.

PRODUCT DESCRIPTION - PD 223307-6.0EN

Material no. 1245348

HOWARU® Bifido 300B - 1 KG

Additional information

Country of Origin: USA

GMO status

HOWARU® Bifido 300B - 1 KG 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.

PRODUCT DESCRIPTION - PD 223306-5.0EN

Material no. 1245378

HOWARU® Rhamnosus 450B - 1 KG

Description

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

Directions for use

See Danisco Probiotic Usage & Handling Guide

Composition

Lactobacillus rhamnosus (HN001)

Microbiological specifications

Cell count	> 4.50E+11 / g
Non-Lactic Count	< 5000 / g
Enterococci	< 100 / g
Coliforms	< 10 / g
E. coli	neg. by test (< 0.3 / g)
Staphylococcus (coag. pos.)	neg. by test < 10 / g
Salmonella	neg. (40 g enrichment)
Listeria	neg. (25 g enrichment)

Storage

Shelf life is 18 months when stored in the original, sealed package at or below 4°C. Frozen storage will extend shelf life.

Packaging

High barrier foil laminate bags

Quantity

1 kg

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

MSDS is available on request.

Kosher status

Circle K certification

Halal status

IFANCA certification

Allergens

Below table indicates the presence 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.

PRODUCT DESCRIPTION - PD 223306-5.0EN

Material no. 1245378

HOWARU® Rhamnosus 450B - 1 KG

Additional information

Country of Origin: USA

GMO status

HOWARU® Rhamnosus 450B - 1 KG 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.

PRODUCT DESCRIPTION - PD 204250-8.1EN

Material no. M85014E

La-14 200B - 1 KG

Description

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

Directions for use

See Danisco Probiotic Usage & Handling Guide

Composition

Lactobacillus acidophilus (La-14)

Microbiological specifications

Cell count	> 2.00E+11 / g
Non-Lactic Count	< 5000 / g
Enterococci	< 100 / g
Coliforms	< 10 / g
E. coli	neg. by test (< 0.3 / g)
Staphylococcus (coag. pos.)	neg. by test < 10 / g
Salmonella	neg. (40 g enrichment)
Listeria	neg. (25 g enrichment)

Storage

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

Packaging

High barrier foil laminate bags

Quantity

1 kg

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

MSDS is available on request.

Kosher status

Circle K certification

Halal status

IFANCA certification

PRODUCT DESCRIPTION - PD 204250-8.1EN

Material no. M85014E

La-14 200B - 1 KG

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

Country of Origin: USA

GMO status

La-14 200B - 1 KG 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.

PRODUCT DESCRIPTION - PD 204425-6.0EN

Material no. M85538B

Lp-115 400B - 1 KG

Description

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

Directions for use

See Danisco Probiotic Usage & Handling Guide

Composition

Lactobacillus plantarum (Lp-115)

Microbiological specifications

Cell count	> 4.00E+11 / g
Non-Lactic Count	< 5000 / g
Enterococci	< 100 / g
Coliforms	< 10 / g
E. coli	neg. by test (< 0.3 / g)
Staphylococcus (coag. pos.)	neg. by test < 10 / g
Salmonella	neg. (40 g enrichment)
Listeria	neg. (25 g enrichment)

Storage

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

Packaging

High barrier foil laminate bags

Quantity

1 kg

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

MSDS is available on request.

Kosher status

Circle K certification

Halal status

IFANCA certification

Allergens

Below table indicates the presence 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.

PRODUCT DESCRIPTION - PD 204425-6.0EN

Material no. M85538B

Lp-115 400B - 1 KG

Additional information

Country of Origin: USA

GMO status

Lp-115 400B - 1 KG 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.

PRODUCT DESCRIPTION - PD 277285-1.1EN

Material no. 61018228

KP - BI-05™ 100B - 1 KG (PAREVE)

FloraFIT® Probiotics

Description

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

Directions for use

See Danisco Probiotic Usage & Handling Guide

Composition

Bifidobacterium longum (BI-05)

Microbiological specifications

Cell count	> 1.00E+11 / g
Non-Lactic Count	< 5000 / g
Enterococci	< 100 / g
Coliforms	< 10 / g
E. coli	neg. by test (< 0.3 / g)
Staphylococcus (coag. pos.)	neg. by test (< 10 / g)
Salmonella	neg. (40 g enrichment)
Listeria	neg. (25 g enrichment)

Storage

Shelf life is 18 months when stored in the original, sealed package at or below 4 °C.

Packaging

High barrier foil laminate bags

Quantity

1 kg

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

MSDS is available on request.

Kosher status

Circle K Pareve

Halal status

IFANCA certification

PRODUCT DESCRIPTION - PD 277285-1.1EN

Material no. 61018228

KP - BI-05™ 100B - 1 KG (PAREVE)

FloraFIT® Probiotics

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

KP - BI-05™ 100B - 1 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

(주) 메디오젠



390-250 충북 제천시 바이오밸리1로 120

☎ (043)644-4216~7/ Fax 644-4215 http://www.mediopen.co.kr

알레르기 유발물질 확인서

제품명 : 1조 6종김치유산균체플러스

상기 품목은 원료로 우유류와 대두류를 사용하고 있음을 확인하여 드립니다.

2020년 04월 07일

(주) 메디오젠 대표 백 남 수



CTCA/81

Probi USA, Inc.
9609 153rd Ave NE
Redmond, WA 98052

Phone: 425-883-9518
Fax: 425-869-1020



Certificate of Analysis

Product Description

Product Name	Nutraceutix L. reuteri
Product ID	CTC-L. reuteri 100
Customer Item Code	LR100b-3575
Lot Number	190583
Release date	April 19, 2019
Country of Manufacture	USA

Product contains freeze-dried bacterial cultures of:

Organism

100% *Lactobacillus reuteri*

Microbial Analysis

Analysis	Method	Specification	Result
Probiotic Viable Count	Probi USA	$\geq 1.0 \times 10^{11}$ CFU/g *	1.2×10^{11} CFU/g

* Standard method variance $\pm 20\%$

Analysis	Method	Specification	Result
Identity	16S rDNA gene analysis	Genus species	Pass
Purity	Probi USA	$\geq 99\%$	> 99%
<i>E. coli</i>	USP <2022>	Negative/10g	Negative/10g
Enterobacteria	USP <2021>	≤ 100 MPN/g	< 1 MPN/g
<i>Staph. aureus</i>	USP <2022>	Negative/10g	Negative/10g
<i>Salmonella</i> spp.	USP <2022>	Negative/10g	Negative/10g
Yeast & Mold	USP <2021>	$\leq 1,000$ CFU/g	< 100 CFU/g

Manufactured by input, defined as formulation by weight of individual ingredients.
Results are transcribed and/or calculated from analysis of intermediate batch(s) used to produce this lot.
Product does not contain milk, soy, wheat, tree nuts, peanuts, eggs, fish, or crustacean shellfish.
This product has not been irradiated while in the control of Probi USA, Inc.

Best if used within **two years** from the Release date when stored **under refrigeration.**

Approved By: _____

QC Production Technician

April 22, 2019

Verified By: _____

QC Production Technician

April 22, 2019



Danisco USA, Inc.
3329 Agriculture Drive
Madison, WI 53716
800-255-6837 Tel
608-395-2603 Fax

ALLERGEN STATEMENT

26 June 2013

Products:

Bifidobacterium breve
Bifidobacterium bifidum
Bifidobacterium animalis subsp. *Lactis*
Bifidobacterium longum
Bifidobacterium infantis
Lactobacillus acidophilus
Lactobacillus bulgaricus
Lactobacillus brevis

Lactobacillus casei
Lactobacillus gasseri
Lactococcus lactis
Lactobacillus plantarum
Lactobacillus paracasei
Lactobacillus rhamnosus
Lactobacillus salivarius
Streptococcus thermophilus

Yes	No	Allergens
	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 suphites (> 10 mg/kg)
	X	lupin
	X	molluscs

This information is given in respect of DuPont's policy of openness and transparency with its customers.

Sincerely,

Elizabeth McCartney
Quality & Food Safety Coordinator
DuPont - Nutrition & Health

PRODUCT DESCRIPTION - PD 204412-7.0EN

Material no. M85414C

Lpc-37 400B - 1 KG

FloraFIT® Probiotics

Description

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

Directions for use

See Danisco Probiotic Usage & Handling Guide

Composition

Lactobacillus paracasei (Lpc-37)

Microbiological specifications

Cell count	> 4.00E+11 / g
Non-Lactic Count	< 5000 / g
Enterococci	< 100 / g
Coliforms	< 10 / g
E. coli	neg. by test (< 0.3 / g)
Staphylococcus (coag. pos.)	neg. by test (< 10 / g)
Salmonella	neg. (40 g enrichment)
Listeria	neg. (25 g enrichment)

Storage

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

Packaging

High barrier foil laminate bags

Quantity

1 kg

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

MSDS is available on request.

Kosher status

Circle K certification

Halal status

IFANCA certification

PRODUCT DESCRIPTION - PD 204412-7.0EN

Material no. M85414C

Lpc-37 400B - 1 KG

FloraFIT® Probiotics

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

Country of Origin: USA

GMO status

Lpc-37 400B - 1 KG 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.



Danisco USA, Inc.
3329 Agriculture Drive
Madison, WI 53716
800-255-6837 Tel
608-395-2603 Fax

ALLERGEN STATEMENT

26 June 2013

Products:

Bifidobacterium breve
Bifidobacterium bifidum
Bifidobacterium animalis subsp. *Lactis*
Bifidobacterium longum
Bifidobacterium infantis
Lactobacillus acidophilus
Lactobacillus bulgaricus
Lactobacillus brevis

Lactobacillus casei
Lactobacillus gasseri
Lactococcus lactis
Lactobacillus plantarum
Lactobacillus paracasei
Lactobacillus rhamnosus
Lactobacillus salivarius
Streptococcus thermophilus

Yes	No	Allergens
	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 suphites (> 10 mg/kg)
	X	lupin
	X	molluscs

This information is given in respect of DuPont's policy of openness and transparency with its customers.

Sincerely,

Elizabeth McCartney
Quality & Food Safety Coordinator
DuPont - Nutrition & Health



Danisco USA, Inc.
3329 Agriculture Drive
Madison, WI 53716
800-255-6837 Tel
608-395-2603 Fax

ALLERGEN STATEMENT

26 June 2013

Products:

Bifidobacterium breve
Bifidobacterium bifidum
Bifidobacterium animalis subsp. *Lactis*
Bifidobacterium longum
Bifidobacterium infantis
Lactobacillus acidophilus
Lactobacillus bulgaricus
Lactobacillus brevis

Lactobacillus casei
Lactobacillus gasseri
Lactococcus lactis
Lactobacillus plantarum
Lactobacillus paracasei
Lactobacillus rhamnosus
Lactobacillus salivarius
Streptococcus thermophilus

Yes	No	Allergens
	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 suphites (> 10 mg/kg)
	X	lupin
	X	molluscs

This information is given in respect of DuPont's policy of openness and transparency with its customers.

Sincerely,

Elizabeth McCartney
Quality & Food Safety Coordinator
DuPont - Nutrition & Health

알레르기유발원료 확인서

제품명 : 씨티씨 ST1

제품의 유형 : 프로바이오틱스(원료성)

제조사 : ㈜씨티씨바이오 (경기도 화성시 팔탄면 현대기아로 38)

알레르기유발원료	사용여부	비고
난류	X	
우유	X	
메밀, 밀	X	
땅콩, 호두	X	
대두	X	
고등어, 오징어, 조개류	X	
게, 새우 등 갑각류	X	
돼지고기, 닭고기, 쇠고기	X	
복숭아	X	
토마토	X	
아황산류	X	

상기 제품에는 알레르기 유발물질이 원료로 사용되지 않았으며, 유산균의 발효 및 동결건조 단계에서도 해당 원료들이 사용되지 않았음을 확인합니다.

2019 년 9 월 16일



품질관리책임자 김 세 영

(주)씨티씨바이오

PRODUCT DESCRIPTION - PD 281618-1.2EN

Material no. MSAMPBB-18KP

KP - HOWARU Bb-18™ 300B - 100g Sample (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

HOWARU Bb-18™ Bifidobacterium breve

Properties

Morphology - Gram positive rods of varied shapes, usually somewhat curved/clubbed and often branched
ATCC Strain deposit number: SD-7779

Microbiological specifications

Cell count	> 3.00E+11 / g
Non-Lactic Count	< 5000 / g
Enterococci	< 100 / g
Coliforms	< 10 / g
E. coli	neg. by test (< 0.3 / g)
Staphylococcus (coag. pos.)	neg. by test < 10 / g
Salmonella	neg. (40 g enrichment)
Listeria	neg. (25 g enrichment)

Storage

Shelf life is 6 months from production date when stored in the original, sealed package at or below 4°C.

Packaging

High barrier foil laminate bags

Quantity

100 g

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

MSDS is available on request.

Kosher status

Circle K Pareve

Halal status

IFANCA certification

PRODUCT DESCRIPTION - PD 281618-1.2EN

Material no. MSAMPBB-18KP

KP - HOWARU Bb-18™ 300B - 100g Sample (Pareve)

HOWARU® Premium Probiotics

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.

Nutritional data

ANALYSIS	TYPICAL VALUES /100 g
Total Calories	360.3 kcal
--Calories from fat	15.4 kcal
Total fat	1.7 g
--Saturated fat	0.4 g
--Trans fat	0.3 g
Cholesterol	< 0.8 mg
Sodium	52.0 mg
Carbohydrate	45.8 g
--Dietary fiber	6.7 g
--Total sugars* (added)	0.3 g
Protein	40.5 g
Vitamin D	< 0.55 mcg
Calcium	35.7 mg
Iron	0.9 mg
Potassium	293.0 g
Moisture	4.0 g
Ash	7.9 g

* Total sugars is the same as added sugar

Additional information

Strain isolation source: Human

GMO status

KP - HOWARU Bb-18™ 300B - 100g Sample (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

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.