

BIOGROWING PROBIOTICS

COMPREHENSIVE PROBIOTIC SOLUTIONS PROVIDER



Innovation



Quality



Reliability



Introducing BioGrowing

With its market in 53 countries, Biogrowing is a reputed global probiotics player and it has been providing comprehensive probiotic solutions since 2006. Our business encompasses probiotic products for healthcare, food, dairy, animal care, and agricultural domains. Both our headquarters and our GMP compliant factory with 300 tons/year capacity are located in Shanghai, China. In addition, we have two other manufacturing facilities in China, through which we have been supplying probiotic formulations in the domestic Chinese market since the 1990s.



BioGrowing's business and a state-of-art facility

- Owns China's largest production line for Lactic Acid Bacteria with an annual capacity of manufacturing 300 tons of high potency probiotic powder
- Production lines are certified to meet the criteria set by CFDA-GMP/SC, ISO/HACCP, NSF-cGMP, Halal, etc.
- Gets ISO22000 certificates, Gets BRC GS certificates
- Deploy patented industry-leading fermentation technology
- Recognized as a high-tech enterprise by the Shanghai municipal government
- Participated in the drafting of regulations for the probiotic industry in China
 - 1) "Approved probiotic species for human foods" (2010, Ministry of Health, China)
 - 2) "Lactic Acid Bacteria for food process" Industry guideline (2014, Ministry of Health, China)
 - 3) "National Standards for food safety: General requirements for bacteria species for food" (2014, Ministry of Health, China)
- Established an enterprise-post-doctoral research center with China Northeast Agriculture University.
- Member of China Food Additives Association (CFAA).
- Member of China Dairy Industry Association (CDIA).
- Member of Chinese Institute of Food Science and Technology (CIFST).













Milestones

2008

The Enterprise-Post-doctoral Research Center with China Northeast Agriculture University is established

2011

Wins the Ringier Technology Innovation Award
 Wins the Micro-encapsulation patent Award

2013

Receives cGMP issued by USA NSF

2015

• Wins the "National High-Tech Enterprise"
• Gets the ISO9001, HACCP and Halal certificates

2018

The Lactic acid bacteria production capacity reaches 300 tons per year

2020

International business in 64 countries

2006

 BioGrowing is established in Qingpu Industrial Zone, Shanghai

BioGrowing's R&D Center is established

2010

The Lactic acid bacteria production capacity reaches 150 tons per year

2012

• Enters the overseas markets

 BioGrowing's production facility gets FDA registered

2014

Takes part in drafting China's probiotic industry standards (2014, Ministry of Health)

2016

Gets the NNHPD-FSRN of Health Canada approval

2019

Establishes new Bacillus coagulans production line and gets the "High-Tech R&D Center" Award

2021

Gets ISO22000 certificates

Gets BRC GS certificates

• Wins the Qingpu Outstanding Talent Team Award



BioGrowing's approach to making quality probiotic products

With a 100,000 class GMP facility, we meet the requirements for medication production.



Strain sources

- 1) Separating bacterial strains from traditional fermented foods or healthy human bodies
- 2) Finishing strain's identification at an authorized institution
- 3) Depositing strains at an IDA approved institution



Manufacturing process

- 1) Production in GMP factory (class 100,000 clean area)
- With patented fermentation technology, cultivating an advanced level of highly-active bacteria amount with high potency
- 3) With patent protected technology ensuring excellent stability
- 4) Strict production management ensuring excellent product quality



Basic research for strains

- 1) Safety confirmation
- 2) Gastric acid and bile salts resistance test
- 3) Antibiotic sensitivity test
- 4) Colonization test
- 5) Metabolic mechanism research
- 6) Health efficacy research



Application and development of probiotics

- 1) Probiotics dietary supplement (bacterial powder, mixed strains powder and probiotic preparations)
- 2) Dairy and beverage starter cultures
- 3) Food application (for baked food, beverages, etc.)
- 4) Agricultural probiotics (feed yeast, feed additives, pet food, veterinary medicine, etc.)



Criteria for selecting beneficial probiotics

Lactobacillus spp. and Bifidobacterium spp. are the dominant probiotic bacteria found in the upper and lower intestine. They maintain a healthy balance of intestinal flora by producing organic acids and increase the acidity levels in the intestine, which in turn inhibits the growth of pathogens. They also produce substances which act as natural antibiotics and kill undesirable microorganisms. Using Lactobacillus spp. and Bifidobacterium spp. combinations in dietary supplements or dairy products yield health benefits for the host.

The following information is necessary to be considered in probiotic strains evaluation:

Quality Levels	Evaluation Items	Remarks							
Critical requirements	Strains genetic	The most popular identification method is 16s-rRNA analysis. Reliable results should be officially availed from a government approved organization.							
	IDAs (International Depositary Authorities) deposits status	International Depositary Authority (IDA) under the Budapest Treaty has approved 41 organizations globally for official microbe deposits. Some of these organizations include ATCC in the U.S., DSMZ in Germany, NCIM in the UK, and CCTCC and CGMCC in China.							
	Methods of analysis	Enumeration method							
	Cross-contamination controls	Third party qualifications and supplier side audit are helpful to monitor the quality system and identify potential quality risks. It is important to ensure the quality control at crucial control points to prevent cross-contamination.							
Quality requirements	Hygienic index controls	Pathogenic index Heavy metals Index							
	Package and logistic	Specification data sheets							
	controls	Validated package and logistic solutions							
	Manufacturer's	Third party qualifications and supplier side audit will be helpful							
	qualifications	to monitor the quality system and potential quality risks.							
Technological	Safety study	Popular lactic acid probiotic bacteria have been used for a very long time, and different SRAs (Strict Regulatory Authorities) have already approved the suitable probiotic strains to use in typical applications. Therefore, there is no need for specific safety studies, except in case of medical application or newly researched microbes.							
and regulatory requirements	Stability study	It will be very important to understand and control the product stability.							
	Regulatory guidelines	Refer to each SRA's guidelines							
	Application guidelines	Collaborative projects with other probiotic players for developing new industry guidelines							

With increasing research in the probiotics domain, SRAs (Strict Regulatory Authorities) across the globe tend to approve probiotics as safe food ingredients. Most large probiotic companies have established robust quality and safety protocols to support their business.

Flora-Focus® Probiotic Bacteria Strains

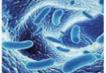
BioGrowing Code	Strains Generic Name	Chinese Name	Potency(CFU/g)
润盈菌株编号	菌株通用名称	中文名	活菌数 (CFU/g)
LA-G80	Lactobacillus acidophilus	嗜酸乳杆菌	2.0*1011
Lp-G18	Lactobacillus plantarum	植物乳杆菌	5.0*10 ¹¹
Lr-G14	Lactobacillus rhamnosus	鼠李糖乳杆菌	5.0*10 ¹¹
LC-G11	Lactobacillus casei	干酪乳杆菌	4.0*1011
LPc-G110	Lactobacillus paracasei	副干酪乳杆菌	4.0*10 ¹¹
LR-G100	Lactobacillus reuteri	罗伊氏乳杆菌	2.0*10 ¹¹
LB-G40	Lactobacillus delbrueckii subsp. bulgaricus	保加利亚乳杆菌	5.0*10 ¹⁰
LL-G41	Lactobacillus delbrueckii subsp. lactis	乳酸乳杆菌	5.0*10 ¹⁰
LS-G60	Lactobacillus salivarius	唾液乳杆菌	1.0*10 ¹¹
LH-G51	Lactobacillus helveticus	瑞士乳杆菌	1.0*10 ¹¹
LF-G89	Lactobacillus fermentum	发酵乳杆菌	2.0*1011
LG-G12	Lactobacillus gasseri	格氏乳杆菌	2.0*10 ¹¹
LJ-G55	Lactobacillus johnsonii	约氏乳杆菌	1.0*10 ¹¹
LC-G22	Lactobacillus crispatus	卷曲乳杆菌	1.0*10 ¹¹
BB-G90	Bifidobacterium bifidum	两歧双歧杆菌	2.0*10 ¹¹
BL-G101	Bifidobacterium animalis subsp. lactis (B.lactis)	乳双歧杆菌	5.0*10 ¹¹
BL-G301	Bifidobacterium longum subsp. longum (B.longum)	长双歧杆菌	1.0*10 ¹¹
BI-G201	Bifidobacterium longum subsp. infantis (B.infantis)	婴儿双歧杆菌	1.0*10 ¹¹
BB-G95	Bifidobacterium breve	短双歧杆菌	3.0*10 ¹¹
BQ-G50	Bifidobacterium adolescentis	青春双歧杆菌	1.0*10 ¹¹
ST-G30	Streptococcus thermophilus	嗜热链球菌	4.0*10 ¹¹
LLL-G25	Lactococcus lactis subsp. lactis	乳酸乳球菌乳酸亚种	2.0*10 ¹¹
LLC-G42	Lactococcus lactis subsp. cremoris	乳酸乳杆菌乳脂亚种	2.0*10 ¹¹
PA-G73	Pediococcus acidilactici	乳酸片球菌	2.0*10 ¹¹
LM-G27	Leuconostoc mesenteroides subsp. mesenteroides	肠膜明串珠菌肠膜亚种	1.0*10 ¹¹
BC-G44	Bacillus coagulans	凝结芽孢杆菌	1.0*10 ¹¹
BC-G21	Bacillus clausii	克劳氏芽孢杆菌	1.0*10 ¹¹
CB-G57	Clostridium butyricum	丁酸梭菌	1.0*10 ⁶
EP-GA65	Enterococcus faecalis	粪肠球菌	2.0*10 ¹¹
SF-GA12	Enterococcus faecium	屎肠球菌	2.0*10 ¹¹
LB-G302	Lactobacillus buchneri	布氏乳杆菌	1.0*10 ¹¹
SD-G19	Saccharomyces boulardii	布拉迪酵母	2.0*1010
BS-GA28	Bacillus subtilis	枯草芽孢杆菌	8.0*10 ¹¹
BL-GA26	Bacillus licheniformis	地衣芽孢杆菌	5.0*10 ¹¹
BM-GA53	Bacillus megaterium	巨大芽孢杆菌	1.0*10 ¹⁰

Remarks:

- (1) Strains species are genetically identified.
- (2) Types of probiotic blends/premix could be provided based on client's requirements.
- (3) Tyndalized (Heat-Killed) specification could be provided based on client's requirements.
- (4) Complete data sheet is available based on the client's requirement.
- (5) For professional use only, not intended to consumers.













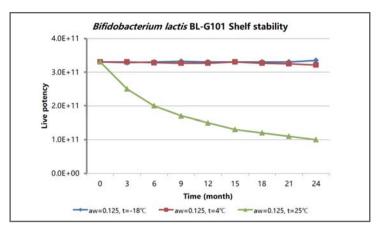
Typical strain's quality indicators and stability

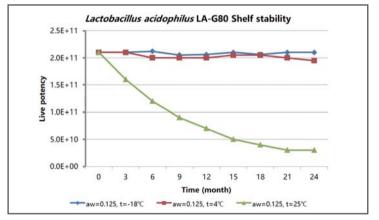
Items	Specification						
1. Appearance	Off-white or light yellow						
	powder						
2. Genetic Identification	16s-rRNA method etc.						
3. IDA deposit number	CCTCC M 2013336						
4. Live Bifidobacterium	≥ 5.0*10 ¹¹ CFU/g						
lactis potency							
5. Water content	≤ 5.0%						
6. Non lactic acid bacteria	≤ 500 CFU/g						
(1) Coliforms	≤ 10 CFU/g						
(2) Bacillus	≤ 50 CFU/g						
(3) Enterococcus	≤ 35 MPN						
(4) Moulds, Yeasts	≤ 10 CFU/g						
7. Pathogenic bacteria							
(1) Shigella	Negative						
(2) Salmenella	Negative						
(3) Staphylococcus aureus	Negative						
8. Heavy metals							
(1) Lead	≤ 1 ppm						
(2) Arsenic	≤ 0.5 ppm						

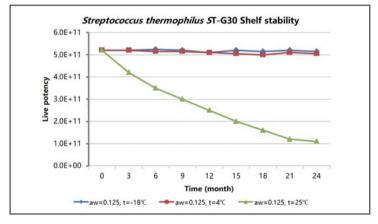
Supporting documents:

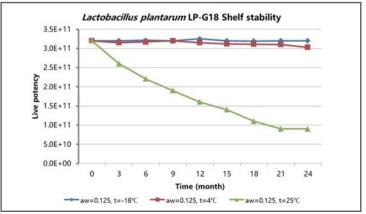
- ◆ Genetic identification report
- ◆ IDA deposit certificate
- ◆ Certificate of analysis
- ◆ Stability study report
- ◆ Anti-bile salts & Anti-gastric acid study reports
- ◆ Antibiotic sensitivity test certificate
- ◆ Safety study report
- ◆ Microbial enumeration method











Package Systems

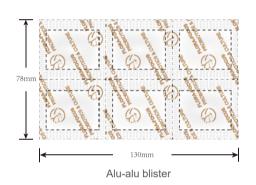
Capsules

Types			Descriptions
			Vegetable capsules (HPMC)
Capsule shell			Acid-resistant vegetable capsules (DRCaps)
			Gelatin capsules
	Bottles		PET bottles
Outer packing	Dotties		Glass bottles
		0: #0	Cold forming Alu-Alu blisters (10's/blister, 146mm*95mm)
	Blisters	Size #0	PVC/PVDC blisters (10's/blister, 95mm*62mm)
		Size #2	Alu-Alu blister (6's/blister, 130mm*78mm)

^{*} Other capsule sizes are available on inquiry.







Sachets

Packing weight	Туре	Size	Packing material			
1.0-2.5 gram	Back-sealed sachets	110mm*25mm				
1.0~3.5 gram	Three-sides sealed rectangular sachet	75mm*50mm				
3.E. E.O. gram	Back-sealed sachets	120mm*28mm	PE/Alu/PET			
3.5~5.0 gram	Three-sides sealed rectangular sachet	85mm*50mm				
5.0-10.0 grom	Back-sealed sachets	145mm*28mm				
5.0~10.0 gram	Three-sides sealed rectangular sachet	100mm*50mm				
20~40 gram	Back-sealed sachets	180mm*70mm				





Back-sealed sachets

Three-sides sealed rectangular sachet

Probiotics for Children



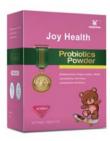
Wisdom+ Live Probiotic Powder

Spec:

- 20 Billion,
- 2.0g sachet

Benefits

- · Intestinal flora balance
- Promotes intellectual development
- Promotes nutrient absorption
- Immunity boost



Joy Health Probiotic Powder

Spec:

- 20 Billion,
- 2.0g sachet

Benefits

- Promotes digestion and absorption
- Micro-nutrient supplementation
- Alleviates chronic malnutrition



Anti-allergy Live Probiotic Powder

Spec:

- 50 Billion,
- · 2.0g sachet

Benefits

- · Relieves allergic symptoms
- · Strengthens immunity



Biotic Calcium Live Probiotic Powder

Spec:

- 15 Billion,
- · 2.0g sachet

Benefits

- · Calcium and bone strengthening
- Regulates the stomach and the intestines



Pro-Immuno Live Probiotic Powder

Spec:

- 10 Billion,
- · 2.0g sachet

Benefits

• Immunity enhancing



Kids Care Live Probiotic Powder

Spec:

- 10 Billion,
- 2.0g sachet

Benefits

- · Intestinal flora balance
- Immunity enhancing

Biotic Restore Live Probiotic Powder

WHO recommended formula



Spec:

- 10 Billion,
- 5.5g sachet

Benefits

- Relieves acute diarrhea
- · Alleviates dehydration



Biotic Plus Capsule

Spec:

- 20 Billion,
- 250mg capsule

Benefits

- Diarrhea relief
- Digestion health
- Absorption boost
- Prevents picky eating

Probiotics for Women



Biotic Fit Live Probiotic Powder

Spec:

- 20 Billion,
- 3.0g sachet

Benefits

· Weight management



Beauty+ Live Probiotic Powder

Spec:

- 50 Billion,
- 2.0g sachet

Benefits

- · Female genitourinary care
- · Relieves constipation
- · Regulates the intestinal flora



Biotic Iron Live Probiotic Powder

Spec:

- 15 Billion,
- 2.0g sachet

Benefits

- · Beauty and body invigoration
- Tonifies blood and nourishes skin



Postpartum Live Probiotic Powder

Spec:

- 50 Billion,
- 3.0g sachet

Benefits

- Helps with the healing of the genitourinary system after delivery
- · Regulates the intestinal flora
- · Adjusts the endocrine system
- Skin care

Slim+ Live Probiotic Powder



Spec:

- 20 Billion,
- 2.0g sachet

Benefits

- Antioxidant
- · Improves skin elasticity
- Skin whitening
- Strengthens immunity
- Anti-aging
- · Healthy weight loss



Biotic Diet Live Probiotic Powder (Protein Solid Beverage)

Spec:

- 30 Billion,
- 3.0g sachet

Benefits

- Weight management
- Rich in protein and dietary fiber

Female Care Capsules



Spec:

- 10 Billion,
- 500mg capsule

Renefits

- · Reproduction system health
- Diarrhea relief
- Absorption boost
- Digestion health

Vaginbiol Capsules

Spec:

- 20 Billion,
- 500mg capsule

Benefits

Support vaginal health

Probiotics for Adults



Intest Booster Live Probiotic Powder

Spec:

- 30 Billion,
- · 3.5g sachet

Benefits

- · Improves intestinal motility
- Enhances digestion and absorption



Seniors Care Live Probiotic Powder

Spec:

- 50 Billion,
- 2.0g sachet

Benefits

 Relieves Irritable bowel syndrome, chronic gastritis, intestinal inflammation



Biotic Fatrol Live Probiotic powder

Spec:

- 50 Billion,
- 5.0g sachet

Benefits

- · Helps fat metabolism
- Weight management



IBS Care Capsules

Spec:

- 30 Billion,
- 500mg capsule

Benefits

- Irritable bowel syndrome relief
- · Gastrointestinal flora balance



Dynabiotics Capsules

Spec:

- 10 Billion,
- 500mg capsule

Benefits

- · Relieves bowel discomfort
- Regulates the immunity



Biotic-Restore Capsules

Spec:

- 20 Billion,
- 500mg capsule

3enefits

- · Antibiotic-Associated Diarrhea relief
- Intestinal flora balance

Probiotics for Adults



Soberbiotix Probiotic Powder

Spec:

- 50 Billion,
- 2.0g sachet

Benefits

- Liver protection
- Dispels the effects of alcohol



Stomach Care Live Probiotic Powder

Spec:

- 20 Billion,
- 2.0g sachet

Benefits

 Relieves Irritable bowel syndrome, chronic gastritis, intestinal inflammation



Anti-Gout Live Probiotic Powder

Spec:

- · 20 Billion,
- 2.0g sachet

Benefits

 Inhibits excessive production of uric acid and promotes its excretion



Diabe-Relief Live Probiotic Powder

Spec:

- 10 Billion,
- 2.0g sachet

Benefits

- Relieves blood sugar pressure
- Relieves metabolic absorption of Diabetes type II

Anti-Anxiety Capsules



Spec:

- 10 Billion,
- 500mg capsule

Benefits

- · Anxiety relief
- · Mental health care



Omebiotix Capsules

Spec:

- 40 Billion,
- 500mg capsule

Benefits

- Blood lipid regulation
- Anti-inflammatory

[The Shining Essence] Healthcare Probiotics Products



SHINING ESSENCE CAPSULE

CFDA Registration No.:

卫食健字(2000)第0358号

Approved Health Claim:

Improving gastrointestinal function (bowel relaxing) auxiliary treatment to the chemical liver Injuries

Main Ingredients:

Lactobacillus acidophilus LA- G80

Bifidobacterium bifidum BB- G90

Skimed milk powder, Lactose, Pectin.

Applicant:

People with constipation or in high risks of exposing to the chemicals

Package specification:

Standard package: 210 mg/capsule * 18/60/90 capsules Gift package: 210 mg/capsule * 6 capsules/box * 8 boxes

Shelf life:

24 months, store in a cool and dry place

SHINING GASTRIC PROTECTION CAPSULE



CFDA Registration No.:

国食健字G20041228

Approved Health Claim:

Auxiliary protection to the gastric mucosa

Main Ingredients:

Hericium erinaceus extract

Lactobacillus acidophilus LA- G80

Applicant:

Adults with Gastric mucosa impairments, one capsule per time, twice per day.

Package specification:

Standard package: 180 mg/capsule * 18/60/90 capsules Gift package: 180 mg/capsule * 6 capsules/box * 8 boxes

Shelf life:

24 months, store in a cool and dry place

SHINING SICANEL CAPSULE



CFDA Registration No.:

国食健字G20050224

Approved Health Claim:

Blood lipid regulation

Main Ingredients:

Red Rice

Lactobacillus acidophilus LA- G80

Applicant:

High blood lipid patients, adults, two capsules per time, twice per day.

Package specification:

Standard package: 200 mg/capsule * 18/60/90 capsules Gift package: 200 mg/capsule * 6 capsules/box * 8 boxes

Shelf life:

24 months, store in a cool and dry place

Probiotic yoghurt starter culture

BioGrowing homemade probiotic yoghurt starter culture is 100% natural.





2 Probiotic Yoghurt Starter Culture

Ingredients: Streptococcus thermophilus, Lactobacillus bulgaricus, Vitamin C, Vitamin B1, Zinc gluconate, Calcium lactate, Maltodextrin

Product standard: 2.0 grams/bag, 10 bags/pack

Application: Homemade yoghurt starter culture; Oral supplements

Recommended dosage: 2.0 grams for 1 liter of fresh yoghurt preparation; 2.0 grams per day for oral supplements

Shelf life: 18 months when stored below 0°C; 12 months in a cool and dry place

NON-GMO: To the best of our knowledge, no ingredients of any of the products produced by BioGrowing are derived from genetically modified organisms.





8 Probiotic Yoghurt Starter Culture

Ingredients: Streptococcus thermophilus, Lactobacillus bulgaricus, Bifidobacterium lactis, Lactobacillus plantarum, Lactobacillus acidophilus, Lactobacillus casei, Lactobacillus rhamnosus, Lactobacillus reuteri, Vitamin C, Vitamin B1, Zinc gluconate, Calcium lactate, Maltodextrin

Product standard: 2.0 grams/bag, 10 bags/pack

Application: Homemade yoghurt starter culture; Oral supplements

Recommended dosage: 2.0 grams for 1 liter of fresh yoghurt preparation; 2.0 grams per day for oral supplements

Shelf life: 18 months when stored below 0°C; 12 months in a cool and dry place

NON-GMO: To the best of our knowledge, no ingredients of any of the products produced by BioGrowing are derived from genetically modified organisms.





5 Probiotic Yoghurt Starter Culture

Ingredients: Streptococcus thermophilus, Lactobacillus bulgaricus, Bifidobacterium lactis, Bifidobacterium bifidum, Bifidobacterium longum, Vitamin C, Vitamin B1, Zinc gluconate, Calcium lactate, Maltodextrin, Fructo-oligosaccharide

Product standard: 2.0 grams/bag, 10 bags/pack

Application: Homemade yoghurt starter culture; Oral supplements

Recommended dosage: 2.0 grams for 1 liter of fresh yoghurt preparation; 2.0 grams per day for oral supplements

Shelf life: 18 months when stored below 0°C; 12 months in a cool and dry place

NON-GMO: To the best of our knowledge, no ingredients of any of the products produced by BioGrowing are derived from genetically modified organisms.





Probiotics for Kids Yoghurt Starter Culture

Ingredients: Streptococcus thermophilus, Lactobacillus bulgaricus, Bifidobacterium lactis, Bifidobacterium infantis, Fructo-oligosaccharide, DHA, Vitamin C, Vitamin B1, Zinc gluconate, Calcium lactate, Maltodextrin

Product standard: 2.0 grams/bag, 10 bags/pack

Application: Homemade yoghurt starter culture; Oral supplements

Recommended dosage: 2.0 grams for 1 liter of fresh yoghurt preparation; 2.0 grams per day for oral supplements

Shelf life: 18 months when stored below 0°C; 12 months in a cool and dry place

NON-GMO: To the best of our knowledge, no ingredients of any of the products produced by BioGrowing are derived from genetically modified organisms.





7 Probiotic Yoghurt Starter Culture

Ingredients: Streptococcus thermophilus, Lactobacillus bulgaricus, Bifidobacterium lactis, Lactobacillus plantarum, Lactobacillus acidophilus, Lactobacillus casei, Lactobacillus rhamnosus, Vitamin C, Vitamin B1, Zinc gluconate, Calcium lactate, Maltodextrin

Product standard: 2.0 grams/bag, 10 bags/pack

Application: Homemade yoghurt starter culture; Oral supplements

Recommended dosage: 2.0 grams for 1 liter of fresh yoghurt preparation; 2.0 grams per day for oral supplements

Shelf life: 18 months when stored below 0°C; 12 months in a cool and dry place

NON-GMO: To the best of our knowledge, no ingredients of any of the products produced by BioGrowing are derived from genetically modified organisms.



Yoghurt Maker Yoghurt Starter Culture

Prepare probiotic yoghurt by yourself

- Take the starter culture out of the refrigerator and keep it at the room temperature for 15 minutes before preparation.
- Pour 1000 ml of pure milk into a clean sealed box (or bowl). Add the starter culture into the milk and disperse evenly. Once dispersed, close the box with its cover.
- 3. Allow the milk to ferment by keeping the sealed box at a temperature 38 42°C for 6
- Put the fermented milk into the refrigerator to stop any further fermentation. If the milk is fermented for more or less than the prescribed time range, the yoghurt will not taste good.
- Enhance yoghurt's taste by adding honey or fruits. Share the joy of myriad flavors with your family and friends!

Probiotic fermentation | No preservatives | No stabilizer | No thickener



Strawberry Yoghurt Powder

Ingredients:

Whole milk powder, Sugar, Strawberry powder Lactobacillus acidophilus, Bifidobacterium lactis Lactobacillus bulgaricus, Streptococcus thermophilus

Specification: 225 grams/bag

One bag prepares 1000 ml of probiotic yoghurt

Storage: In a cool and dry place

Shelf life: 18 months



Mango Yoghurt Powder

Ingredients:

Whole milk powder, Sugar, Mango powder Lactobacillus acidophilus, Bifidobacterium lactis

Lactobacillus bulgaricus, Streptococcus thermophilus

Specification: 225 grams/bag

One bag prepares 1000 ml of probiotic yoghurt

Storage: In a cool and dry place

Shelf life: 18 months



Blueberry Yoghurt Powder

Ingredients:

Whole milk powder, Sugar, Blueberry flavors Lactobacillus acidophilus, Bifidobacterium lactis Lactobacillus bulgaricus, Streptococcus thermophilus

Specification: 225 grams/bag

One bag prepares 1000 ml of probiotic yoghurt

Storage: In a cool and dry place

Shelf life: 18 months



Wisdom+ Yoghurt Powder

Ingredients:

Whole milk powder, Sugar, Taurine, Zinc Gluconate, Vitamin A
Streptococcus thermophilus ST-G30
Lactobacillus bulgaricus LB-G40
Bifidobacterium longum BL-G301
Lactobacillus reuteri LR-G100
Bifidobacterium lactis BL-G101
Lactobacillus paracasei LPc-G110
Lactobacillus salivarius LS-G60

Specification: 225 grams/bag

One bag prepares 1000 ml of probiotic yoghurt

Storage: In a cool and dry place

Shelf life: 18 months



Beauty+ Yoghurt Powder

Ingredients

Whole milk powder, Sugar, Fish collagen peptide Streptococcus thermophilus ST-G30 Lactobacillus bulgaricus LB-G40 Bifidobacterium bifidum BB-G90 Bifidobacterium adolescentis BQ-G50 Bifidobacterium breve BB-G95 Lactobacillus plantarum Lp-G18 Lactobacillus rhamnosus Lr-G14

Specification: 225 grams/bag

One bag prepares 1000 ml of probiotic yoghurt

Storage: In a cool and dry place

Shelf life: 18 months



Protect+ Yoghurt Powder

Ingredients:

Whole milk powder, Sugar, Turmeric powder Streptococcus thermophilus ST-G30
Lactobacillus bulgaricus LB-G40
Lactobacillus gasseri LG-G12
Lactobacillus johnsonii LJ-G55
Bifidobacterium bifidum BB-G90
Lactobacillus acidophilus LA-G80
Lactobacillus rhamnosus Lr-G14

Specification: 225 grams/bag

One bag prepares 1000 ml of probiotic yoghurt

Storage: In a cool and dry place

Shelf life: 18 months



HOMEMADE YOGHURT HOMEMADE LOVE





How to make homemade yoghurt

Fill the yoghurt maker container with warm water (<45°C) to the half of its capacity.

- 1. Add yoghurt powder.
- 2. Mix the water and the yoghurt powder well.
- 3. Add more water to fill in the container.
- 4. Maintain the temperature at 43°C for 6-10 hours and your fresh yoghurt will be ready. Store the yoghurt in the refrigerated for an improved taste.
- *Yoghurt maker is the machine that can maintain a stable fermentation temperature of 43°C.



Soybean based Probiotic Yoghurt Powder

- 6 Probiotic strains
- Mellow soy flavor
- Probiotics potency can reach 50 billion CFU/100g at the end of the fermentation

Ingredients:

Instant soybean powder (non-GMO soybeans, maltose syrup, white sugar), Streptococcus thermophilus ST-G30, Lactobacillus bulgaricus LB-G40, Lactobacillus paracasei LPc-G110, Lactobacillus rhamnosus Lr-G14, Bifidobacterium lactis BL-G101, Lactobacillus plantarum Lp-G18

Package: 196g/bag x 6

Storage: In a cool and dry place. Avoid sunlight.

Shelf life: 18 months.

Bioguard® Starter Cultures (For Industrial Use)

		Culture's composition												Characters						
Product type		ST	LB	LL.L	LL.C	LA	BL	LC	LPc	Lr	LR	LF	Lр	Fermentation speed	Viscosity	Flavor	Thickness	Post-acidity		
	Thermop	hilic	dairy	/ start	er cult	ures	3													
	GF 231	+	+											***	**	***	*	***		
	GF 468	+	+											****	***	**	**	***		
	GF 479	+	+											***	**	****	****	**		
	GF 655	+	+											***	**	****	***	**		
	GF 665	+	+											***	***	***	****	**		
	GF 669	+	+											***	***	***	***	***		
DVS	GF 686	+	+											****	***	***	***	***		
Starter	GF 867	+	+											***	****	**	****	**		
Culture	GF 868	+	+											**	****	***	****	**		
	GF 967	+	+											***	****	**	****	**		
	Mesophil	ic da	iry s	tarter	cultur	es														
	GF 214		_	+										*	**	*	*	**		
	GF 215			-	+									*	**	*	*	**		
	GF 218			+	+									*	**	*	*	**		
	GF 227	+		+	+									**	**	**	**	**		
	GF 927	+		+	+									***	****	**	****	***		
	Probiotic		nurt a			start	er c	ultur	es					7 7 7	222	10.0	4444			
	GFY 111	Jeg.				+	+							**	*	****	**	***		
	GFY 112					+	+			+				**	*	****	***	***		
	GFY 611	+				+	+							****		****	****	***		
	GP 101								+	+			+	**	*	****	***	***		
	GFY 114					+	+		+	+			+	**	*	****	***	****		
	GFY 116					+	+	+	+	+			+	****	*	****	***	****		
	GFY 119			+	+	+	+	+	+	+	+	+	+	****	*	****		***		
DVS	Drinking	voah	urt e						·	·										
Probiotic	GF 101	yogii	uit 3	, tai toi	Cuitui	03								<u> </u>						
Starter	GF 201		+					+						For Dri	For Drinking yoghurt(Yakult type)					
Culture	Sour bee	r ctar		sulture				Т												
		Stai			;															
	LactoSour		+	+		+				+			+	Data si	neet avai	lable on r	equesis			
	Vegetable	e & fr	uit s	tarter	cultur	е														
	LactoV&F							+		+			+	Data sl	heet avai	lable on r	equests			
	Biologica	l pro	tecti	ve ag	ents															
	GP 101								+	+			+	Inhibit the growth of molds and yeast, to prolog the shelf life.						
	Plant bas	ed st	tarte	r cultu	ıres															
DVS Plant Based																				
Based	GS 485	+	+																	
Based Starter Culture	GS 485 GC101	+	+					+		+			+	Data sl	heet avai	lable on r	equests			

Remark

⁽¹⁾Thermophilic starter culture: Culture fermentation temperature range preferred at 37°C~44°C.

⁽²⁾Mesophilic starter culture: Culture fermentation temperature range preferred at 25°C ~37°C.

⁽³⁾ST: Streptococcus thermophilus, LB: Lactobacillus delbrueckii subsp. bulgaricus; LL.L: Lactococcus lactis subsp. lactis;

LL.C: Lactococcus lactis subsp. cremoris; LA: Lactobacillus acidophilus; BL: Bifidobacterium lactis; LC: Lactobacillus casei;

LPc: Lactobacillus paracasei; Lr: Lactobacillus rhamnosus; LR: Lactobacillus reuteri; LF: Lactobacillus fermentum; Lp: Lactobacillus plantarum.

Characters: ★- Very Low ★★ - Low; ★★★ - Medium; ★★★★ - High; ★★★★ - Very High.

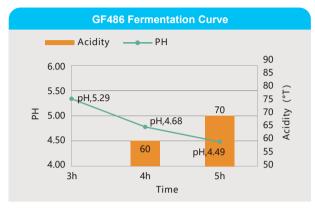
Starter Culture GF486

Streptococcus thermophilus Lactobacillus bulgaricus

Specification:

Net content: 55g/bag

Batch size: 200U/bag, 1000L of milk



Remarks

- 1.10% whole milk powder reconstituted milk was used as a basis for this fermentation. Fermentation conditions: 2.5% reconstituted milk protein; 6% sucrose; sterilized at 95°C for 5 minutes.
- 2. Inoculation amount: 200U/ton; temperature for fermentation: 42°C.
- 3. The fermentation curve shown in this chart is measured under experimental conditions and is for reference only. Due to the difference in milk source, protein content, and equipment conditions, it will be inconsistent with the chart. Please contact our service personnel for more data.

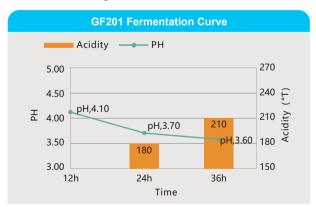
Starter Culture GF201

Lactobacillus casei Lactobacillus bulgaricus

Specification:

Net content: 20g/bag

Batch size: 200U/bag, 1000L of milk



Remarks

- 1. 12% whole milk powder reconstituted milk was used as a basis for this fermentation. Fermentation conditions: 4.0% reconstituted milk protein; 2% glucose; sterilized at 95°C for 5 minutes.
- 2. Inoculation amount: 200U/ton; temperature for fermentation: 37°C.
- 3. The fermentation curve shown in this chart is measured under experimental conditions and is for reference only. Due to the difference in milk source, protein content, and equipment conditions, it will be inconsistent with the chart. Please contact our service personnel for more data.

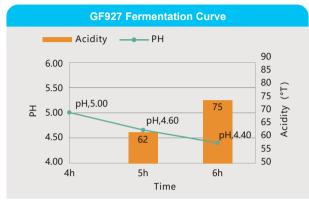
Starter Culture GF927

Lactococcus lactis subsp. lactis Lactococcus lactis subsp. cremoris Streptococcus thermophilus

Specification:

Net content: 35g/bag

Batch size: 200U/bag, 1000L of milk



Remarks

- 1.10% whole milk powder reconstituted milk was used as a basis for this fermentation. Fermentation conditions: 2.5% reconstituted milk protein; 6% sucrose; sterilized at 95°C for 5 minutes.
- 2. Inoculation amount: 200U/ton; temperature for fermentation: 37°C.
- 3. The fermentation curve shown in this chart is measured under experimental conditions and is for reference only. Due to the difference in milk source, protein content, and equipment conditions, it will be inconsistent with the chart. Please contact our service personnel for more data.

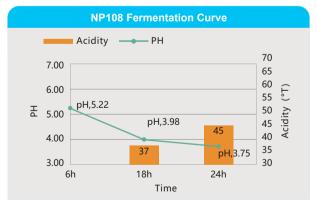
Starter Culture NP108

Lactobacillus fermentum Lactobacillus acidophilus

Specification:

Net content: 20g/bag

Batch size: 200U/bag, 1000L of milk



Remarks

- 1.13% oat flour was used as a basis for this fermentation.
 Fermentation conditions: 2.0% out flour protein content after dissolution; 7% sucrose; sterilized at 105°C for 10 minutes.
- 2. Inoculation amount: 200U/ton; temperature for fermentation: 38°C;
- 3. The fermentation curve shown in this chart is measured under experimental conditions and is for reference only. Due to the difference in milk source, protein content, and equipment conditions, it will be inconsistent with the chart. Please contact our service personnel for more data.

Applications in Fermented Foods



Fermented vegetables

The fermented vegetables contain vitamins, minerals, esters, a large number of active lactic acid bacteria, as well as other nutritional and functional ingredients. The fermentation process can improve the taste, fasten the production time and reduce the content of nitrite.

Strains

Lactobacillus rhamnosus Lr-G14 Lactobacillus casei LC-G11 Lactobacillus plantarum Lp-G18



Fermented grains

Through the fermentation process, macromolecular substances, such as starch and beta-glucans, can be converted into small molecules like polysaccharides, which are easy to digest. A large number of essential amino acids, short-chain fatty acids and other nutrients are also produced during fermentation, which will later improve the intestinal environment.

Strains

Lactobacillus plantarum Lp-G18 Lactobacillus acidophilus LA-G80



Fermented Vegetable & Fruit juice

A large number of metabolites are produced through juice & vegetables fermentation, such as amino acids and short-chain fatty acids, which will later improve the intestinal environment.

Strains

Lactobacillus plantarum Lp-G18 Lactobacillus rhamnosus Lr-G14 Lactobacillus casei LC-G11



Fermented Sour Beer

Sour beer is one of the oldest types of beers in the world, and is now becoming a new trend. Lactic acid bacteria fermentation on the basis of yeast fermentation brings a unique flavor to the beer.

Strains

Lactobacillus acidophilus LA-G80 Lactobacillus plantarum Lp-G18 Lactobacillus bulgaricus LB-G40 Lactococcus lactis LLL-G25 Lactobacillus rhamnosus Lr-G14



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