



Experience Healthy Life

Biorun: A Leader in Biotechnology

Biorun was founded in 2000 with a vision to create Iran's most advanced biotechnology facility. Led by Iranian experts, the company designed and built its state-of-the-art factory, launching operations in 2005.

Our Expertise:

- Organic Solutions: Biorun offers a powerful alternative to synthetic chemicals in agriculture, animal feed, pharmaceuticals, food production, and environmental applications. Our team of specialists develops and delivers effective organic products and probiotics.
- Advanced Manufacturing: Our production lines utilize cutting-edge equipment like fermenters, centrifuges, and dryers to manufacture a wide range of probiotic products.
- Unique Microbial Bank: Over 23 years, Biorun has established a one-of-a-kind collection of domestic microorganisms used in fermented products. We adhere to stringent international quality and safety standards (HACCP, GMP, ISO certifications) to ensure product effectiveness.
- Research and Development: Biorun collaborates with leading universities in Iran and abroad to develop new functional probiotic strains, identify effective strains, and conduct animal studies.



Manufacturing Capabilities:

Biorun boasts a dedicated production line for both food-grade and pharmaceutical-grade probiotics, from fermentation to finished product. We hold licenses for bulk and single-strain probiotics and are actively pursuing approvals for human supplement products in sachets and capsules. Additionally, we have marketing authorization for a broad range of probiotic strains from the Iranian Food and Drug Administration.

Our production capacity is impressive, allowing us to manufacture 5,000 kg of bulk product, 1.5 million sachets, and 50 million capsules annually.

Our Key Strengths:

- Probiotic isolation techniques
- Fermentation control and optimization
- Intelligent manufacturing systems
- Single probiotic powder production
- Customized strain fermentation
- Collaborative product development
- Innovative encapsulation materials
- Optimized viable and efficacious probiotic strains
- Certified probiotic production facility

Biorun is committed to providing innovative and effective biotechnology solutions while promoting environmental health and sustainability.



Biorun[®]
Nature Biotechnology Company

GMP Certified Probiotic Manufacturer
Well-characterized & Improved Stability Probiotics for
Food, Dairy & Pharmaceutical Applications

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Biorun[®]
Nature Biotechnology Company

PROBIOTICS

Food, Dairy & Pharmaceutical Grade Probiotics



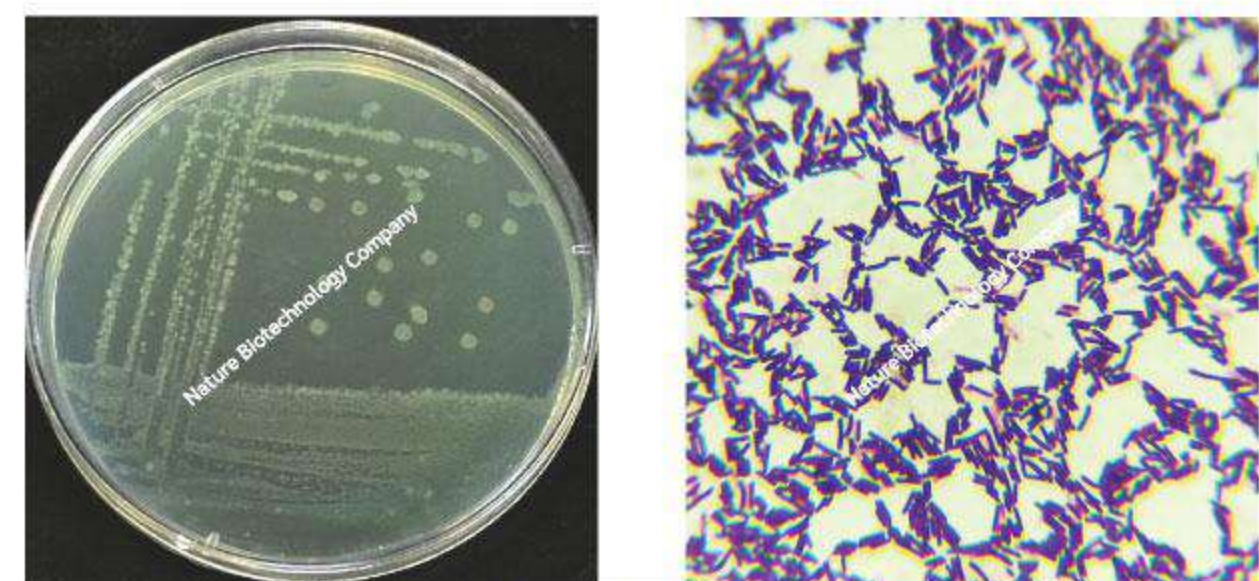
Biorun: Unleashing the Power of Probiotics

Biorun boasts a comprehensive strain library exceeding 700 strains. Through dedicated research and development, we've successfully identified and isolated unique probiotic strains native to Iran. These strains are documented in the global NCBI database, ensuring transparency and scientific recognition.

Catering to Diverse Needs:

We offer a broad spectrum of bulk probiotic powders in various potencies (1-100 billion CFU) catering to different needs. Our bulk powders encompass a range of beneficial strains including LAB (Lactic Acid Bacteria) *Bacillus* and Yeast, ideal for applications in both the food and pharmaceutical industries.

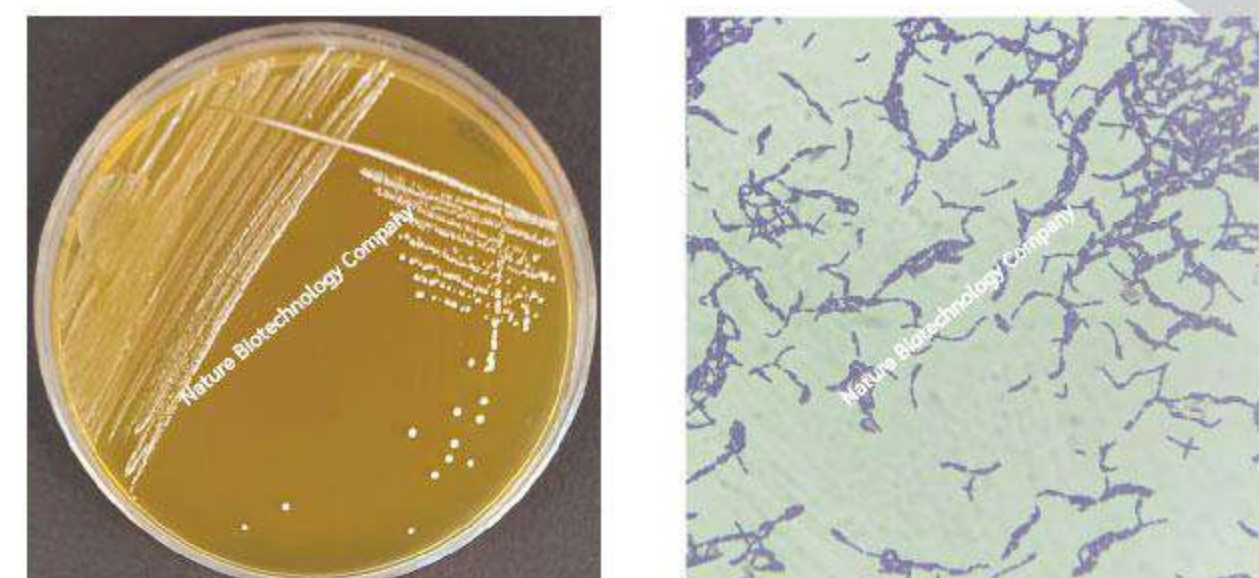
No.	Name of the Strain	Grade		Potency (CFU/g)
		Food & Dairy	Pharma	
1	<i>Shouchella clausii</i> (<i>Bacillus clausii</i>)	✓	✓	10 ⁷ - 10 ¹¹
2	<i>Heyndrickxia coagulans</i> (<i>Bacillus coagulans</i>)	-	✓	10 ⁷ - 10 ¹¹
3	<i>Bacillus subtilis</i>	-	✓	10 ⁷ - 10 ¹¹
4	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i>	✓	✓	10 ⁷ - 10 ¹¹
5	<i>Bifidobacterium bifidum</i>	-	✓	10 ⁷ - 10 ¹¹
6	<i>Bifidobacterium breve</i>	-	✓	10 ⁷ - 10 ¹¹
7	<i>Bifidobacterium longum</i> subsp. <i>infantis</i>	-	✓	10 ⁷ - 10 ¹¹
8	<i>Bifidobacterium longum</i> subsp. <i>longum</i>	-	✓	10 ⁷ - 10 ¹¹
9	<i>Lactobacillus acidophilus</i>	✓	✓	10 ⁷ - 10 ¹¹
10	<i>Lacticaseibacillus casei</i> (<i>Lactobacillus casei</i>)	✓	✓	10 ⁷ - 10 ¹¹
11	<i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>	✓	✓	10 ⁷ - 10 ¹¹
12	<i>Lactobacillus delbrueckii</i> subsp. <i>delbrueckii</i>	✓	-	10 ⁷ - 10 ¹⁰
13	<i>Limosilactobacillus fermentum</i> (<i>Lactobacillus fermentum</i>)	✓	✓	10 ⁷ - 10 ¹¹
14	<i>Lactobacillus gasseri</i>	-	✓	10 ⁷ - 10 ¹¹
15	<i>Lactobacillus helveticus</i>	-	✓	10 ⁷ - 10 ¹¹
16	<i>Lacticaseibacillus paracasei</i> (<i>Lactobacillus paracasei</i>)	✓	✓	10 ⁷ - 10 ¹¹
17	<i>Lactiplantibacillus plantarum</i> (<i>Lactobacillus plantarum</i>)	✓	✓	10 ⁷ - 10 ¹¹
18	<i>Limosilactobacillus reuteri</i> (<i>Lactobacillus reuteri</i>)	✓	✓	10 ⁷ - 10 ¹¹
19	<i>Lacticaseibacillus rhamnosus</i> (<i>Lactobacillus rhamnosus</i>)	✓	✓	10 ⁷ - 10 ¹¹
20	<i>Lactococcus cremoris</i> (<i>Lactococcus lactis</i> subsp. <i>cremoris</i>)	✓	-	10 ⁷ - 10 ¹⁰
21	<i>Lactococcus lactis</i> subsp. <i>lactis</i>	✓	-	10 ⁷ - 10 ¹⁰
22	<i>Pediococcus acidilactici</i>	-	✓	10 ⁷ - 10 ¹¹
23	<i>Saccharomyces boulardii</i>	-	✓	10 ⁷ - 10 ¹¹
24	<i>Streptococcus salivarius</i>	-	✓	10 ⁷ - 10 ¹¹
25	<i>Streptococcus thermophilus</i>	✓	✓	10 ⁷ - 10 ¹¹



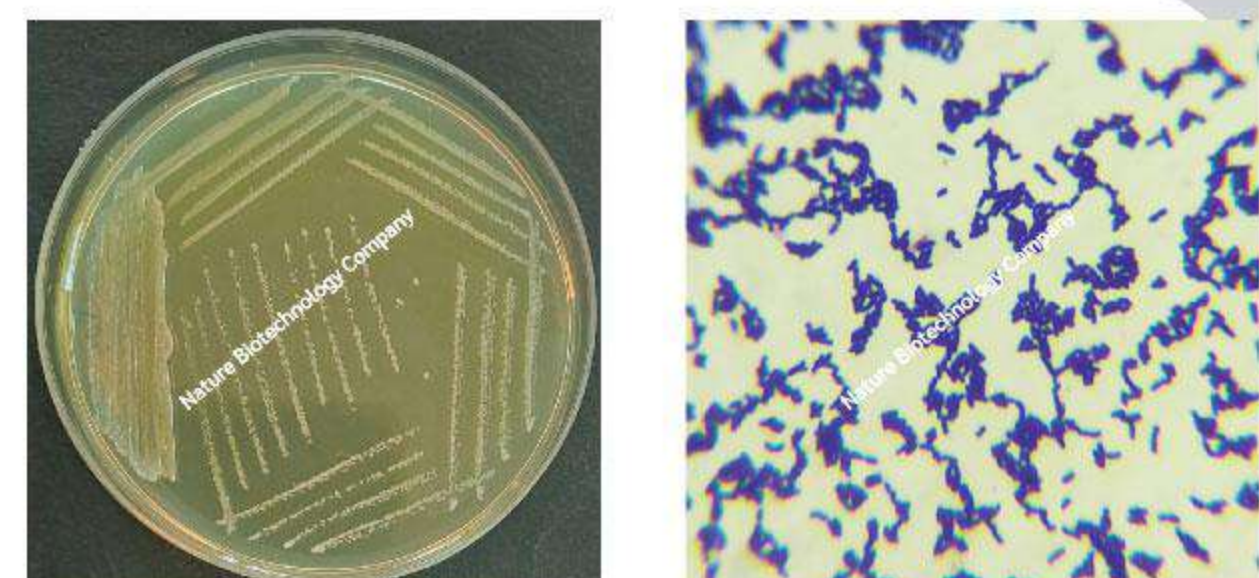
Heyndrickxia coagulans
(*Bacillus coagulans*)



Lactiplantibacillus plantarum
(*Lactobacillus plantarum*)



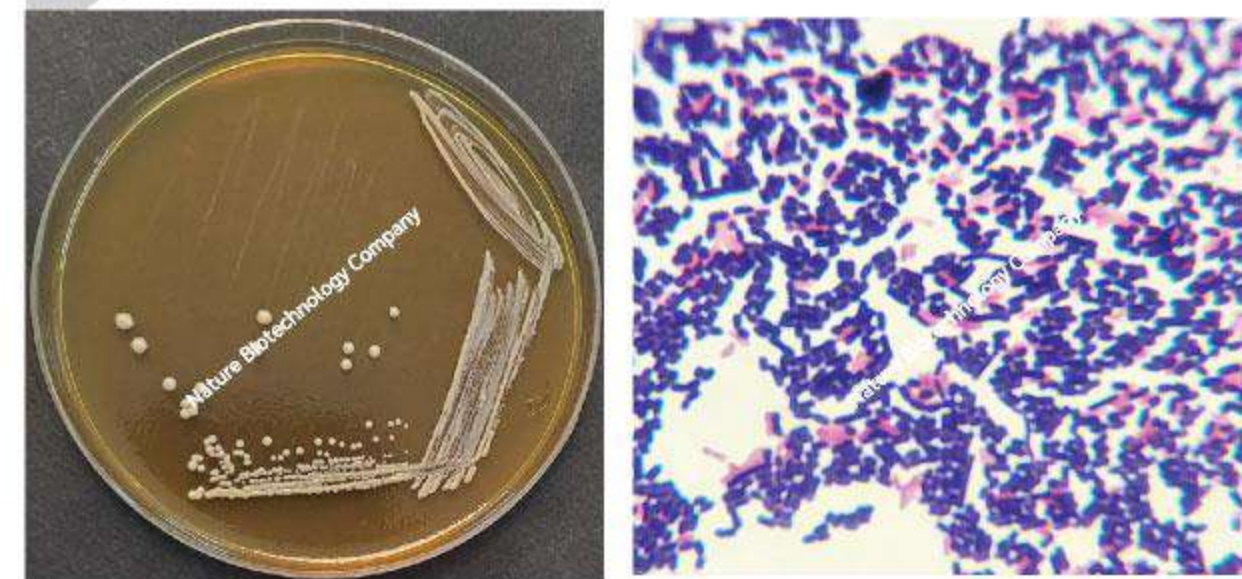
Lacticaseibacillus rhamnosus
(*Lactobacillus rhamnosus*)



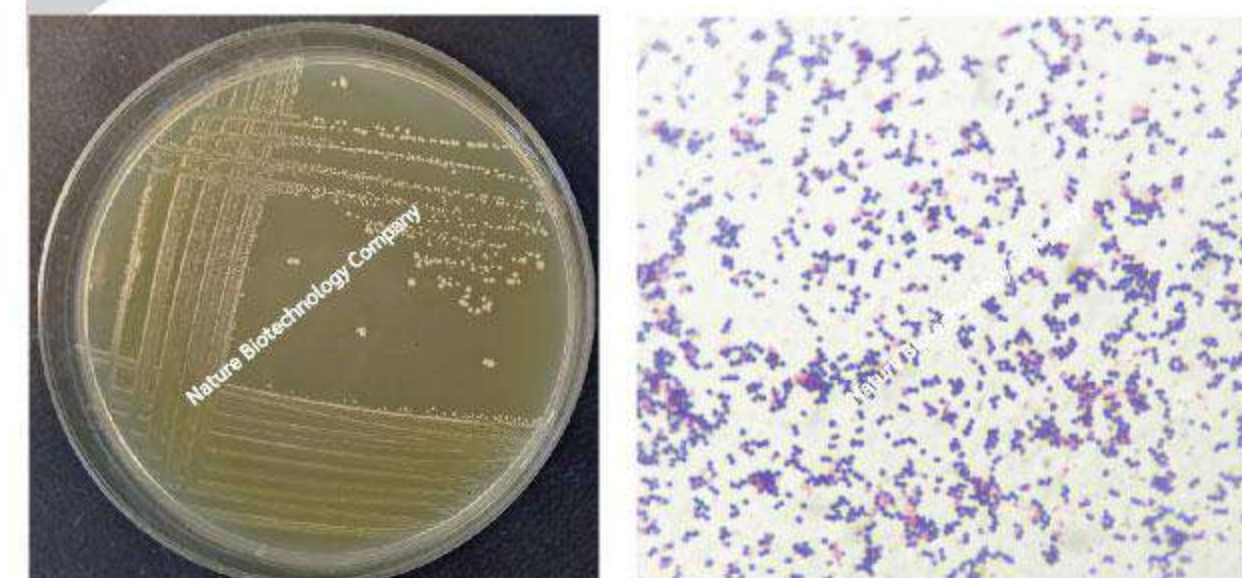
Bifidobacterium animalis subsp. *lactis*



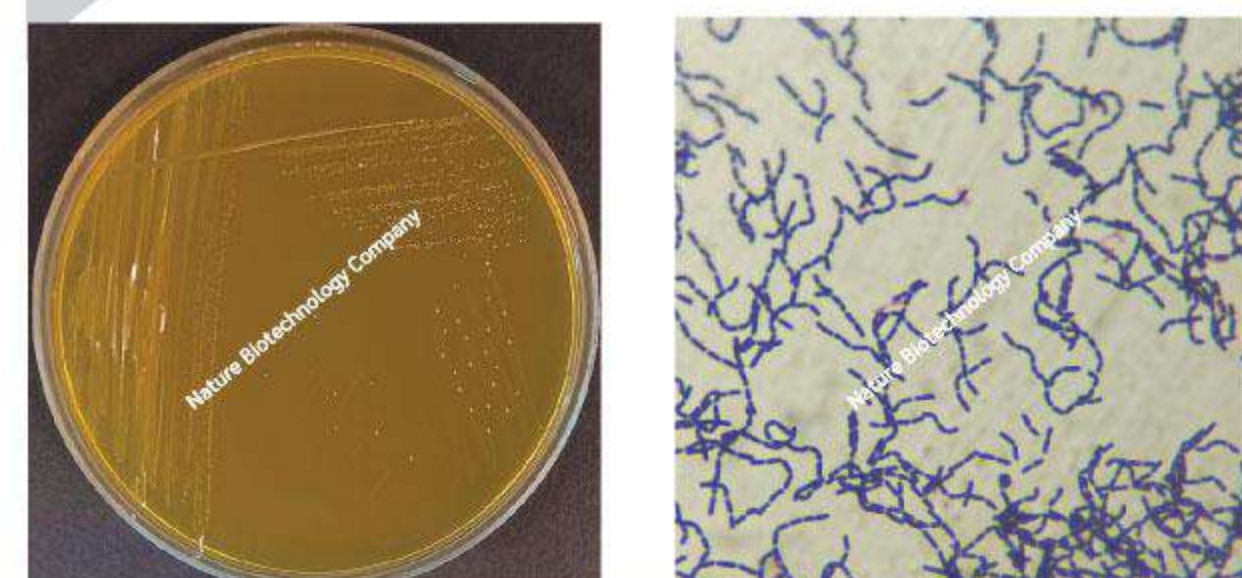
Lactobacillus acidophilus



Limosilactobacillus reuteri
(*Lactobacillus reuteri*)



Streptococcus thermophilus



Lacticaseibacillus paracasei
(*Lactobacillus paracasei*)

Personalized Probiotic Solutions:

Biorun goes beyond basic probiotics. We offer a complete line of customizable probiotic formulations in convenient formats like capsules, stick packs, and sachets. Our optimized manufacturing processes guarantee high-quality, stable, and safe products.

Targeting Overall Wellbeing:






Our meticulously crafted probiotic supplements promote these benefits:

Enhanced Immune Function: A robust immune system is vital for staying healthy. Biorun probiotics provide targeted support for your body's natural defenses.

Optimal Digestive Health: A healthy gut is essential for overall well-being. Our probiotic formulations promote a balanced gut microbiome, enhancing digestion and nutrient absorption.

Tailored for Life Stages:

We understand the unique needs of different age groups. Biorun offers a range of probiotic supplements specifically formulated for various life stages, ensuring a diverse range of well-suited microbial strains to meet the specific needs of your body.

Product Name	Dosage Form	Ingredients	Indication
 IBS Probio[®]	Capsule/Blister	<i>Bacillus subtilis</i> <i>Bacillus clausii</i> <i>Bacillus coagulans</i> <i>Saccharomyces boulardii</i>	Helps Decrease Gastric Discomfort: Gas Bloating, Constipation, Diarrhea, Abdominal Discomfort Helps Relieve Symptoms of Irritable Bowel Syndrome
 Lady Flora[®]	Capsule/Blister	<i>Lactobacillus rhamnosus</i> <i>Lactobacillus reuteri</i> <i>Lactobacillus paracasei</i>	Helps Improve Bacterial Vaginosis
 Lacti Immune[®]	Capsule/Blister	<i>Lactobacillus paracasei</i> Vitamin C	Boosts Immune Function Health
 Pan Biotic[®]	Capsule/Blister	<i>Bifidobacterium infantis</i> , <i>Bifidobacterium longum</i> , <i>Bifidobacterium breve</i> , <i>Bifidobacterium bifidum</i> , <i>Lactobacillus rhamnosus</i> , <i>Lactobacillus plantarum</i> , <i>Lactobacillus casei</i> , <i>Lactobacillus acidophilus</i> , <i>Lactobacillus acidophilus</i> , <i>Streptococcus thermophilus</i> , <i>Saccharomyces boulardii</i>	Promotes Gastrointestinal Health System
 Tiny Bac[®]	Sachet	<i>Bifidobacterium breve</i> <i>Lactobacillus rhamnosus</i> , Vitamin D3	Promotes Gastrointestinal System Flora

