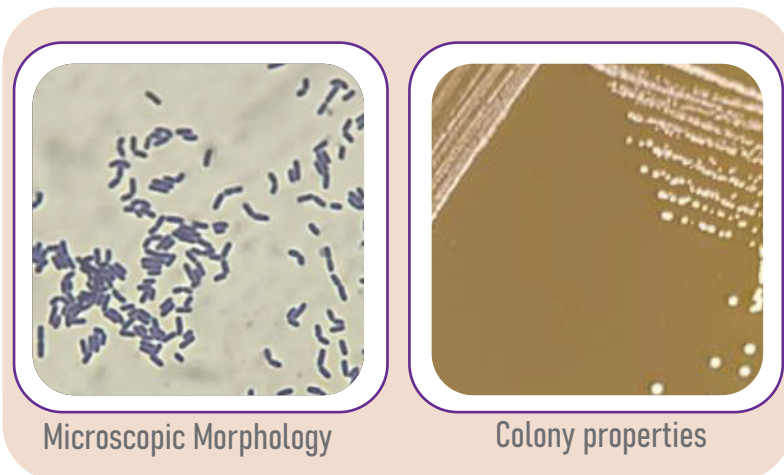


Lactiplantibacillus plantarum

(Lactobacillus plantarum)



Microscopic Morphology

Colony properties

Basic Info

| | | | | |
|-----------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------|-------|
| Product name | Lactiplantibacillus plantarum (Lactobacillus plantarum) probiotic bulk powder | | | |
| Type | Freeze-Dried Probiotic Powder | | | |
| Grade | Pharma (USP) & Food | | | |
| Certification | Iran Food & Drug Administration (IRC) | | | |
| Trademark | Biorun | | | |
| Storage Conditions | Store in original container under refrigeration, Protect from direct sunlight and moisture. | | | |
| Shelf Life | 24 months from the date of production | | | |
| Microbial Tests | Grade | USP | FOOD | Unit |
| | Viable Cell Count (Probiotic) | 1×10 ⁹ up to 1×10 ¹¹ | ≥ 10 ⁷ | CFU/g |
| | Total Combined Molds and Yeasts Count | NMT 10 ² | < 10 | |
| | Total Non-Lactic Acid Bacteria Count | NMT 5 × 10 ³ | NMT 5 × 10 ² | |
| PhysicoChemical Tests | Description | White, yellow to light brown powder with sweet pickled, fermented smell | | |
| | Moisture (LOD) | <6.0 % | | |
| | Heavy Metals | <10 µg/g | | |

Applications:

- 1-Medication, HealthCare, Dietary Supplements, in form of capsules, tablets, sachets, drops etc.
- 2-Suitable for Food applications including gummies, chocolates, candies & baked goods.
- 3-For application in variety of Dairy products, including yoghurts, milk, cheese & related items.