

Lactic Acid Bacteria Nutrients

Cat. No.: L1522328 | Pack size: 250 g | Storage: Room temperature

Overview

Potato Peptone, it forms a highly clear and stable solution after dissolution. This peptone is suitable for preparing industrial fermentation growth media, cell culture supplements, and animal-component-free diagnostic media. It is produced from fresh potatoes through crushing, pulping and soaking, extraction, enzymatic hydrolysis and fine filtration, followed by low-temperature spray drying. It is completely soluble and serves as an excellent nitrogen source for microbial fermentation, providing abundant nutrients for microorganisms, especially yeasts among fungi and edible mushrooms. It is mainly used as a raw material for fungal culture media and is commonly employed in the laboratory for the preparation of PDA medium.

Directions for Use

As a culture medium raw material, fully dissolve it and use after sterilization.

Physical and Chemical Indicators

Item	Reagent Grade
Total Nitrogen	≥8.0%
Amino Nitrogen	≥2.0%
Loss on Drying	≤8.5%
Residue on Ignition	≤6.0%

Specifications

Attribute	Value
Synonyms	Probiotic Nutrients Lactic Acid Bacteria Nutrients
Specifications & Purity	BioReagent, Suitable for microbiology

Attribute	Value
Stability And Storage	Store at room temperature long term (36 months).
Storage Conditions	Room temperature
Shipped In	Normal

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
- Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the kit for their specific application.
- Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document would be reviewed and reissued.