

Peptone Bacteriological

Cat. No.: P1417992 | Pack size: 1mg; 250g | Storage: Room temperature, protected from light

Product Information

Item	Details
Available Pack Size(s)	1mg; 250g
Stability and Storage	Store at room temperature long term (36 months). Store in the dark.
Storage Conditions	Protected from light, Room temperature
Shipped In	Normal
Action Type	INHIBITOR

Product Description

Bacteriological Peptone is a water-soluble mixture composed of proteoses, peptones, peptides and amino acids, which is obtained by enzymatic, acid or alkaline hydrolysis of animal tissues. It is widely used in the preparation of microbial culture media, and mainly provides nitrogen sources and amino acids for microbial growth.

Performance Indicators

Test Item	Standard Requirement
Appearance	Pale yellow powder or fine granules with a characteristic odor.
Clarity	The aqueous solution is clear and transparent, without alkaline precipitate or phosphate precipitate.
pH	5.0-7.0
Total Nitrogen	≥14.5%
Amino Nitrogen	≥2.5%

Test Item	Standard Requirement
Residue on Ignition	≤5.0%
Moisture	≤5.0%

Precautions

1. Take precautions against dust during weighing. Wear a mask to avoid respiratory discomfort.
2. Tighten the bottle cap immediately after use of the powder to prevent moisture absorption and caking. Store in a dark and dry place.
3. The shelf life of unopened products is three years. The shelf life of opened products varies depending on storage conditions.

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 product 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 this product 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.