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TECHNICAL DATA SHEET (TDS)

Product: Yeast Peptone

Catalog Number: AS-1014

Grade: Microbiological Grade

Issue Date: 24 February 2026

1. Product Description

Yeast Peptone is a high-purity, yeast-derived nutrient source designed for microbial cultivation, fermentation, and biotechnology applications. It provides peptides, amino acids, vitamins, and trace elements supporting robust microbial growth.

2. Key Characteristics

Origin	Yeast-derived (non-animal)
Appearance	Light beige to cream free-flowing powder
Solubility	Freely soluble in water
pH (2% solution)	6.0 – 7.5
Total Nitrogen (Typical)	≥ 8%
Loss on Drying	≤ 6%
HS Code	3504.00

3. Typical Applications

- Preparation of bacterial, fungal and yeast culture media
- Fermentation and enzyme production
- Probiotic and biomass development
- Industrial biotechnology processes

4. Sustainability

Yeast-derived peptone offers a renewable alternative to animal-based peptones, supporting sustainable laboratory and industrial practices.

5. Storage & Stability

Store at 2–25°C in a dry, tightly sealed container.

Protect from moisture.

Stable under recommended storage conditions.

6. Intended Use

For laboratory research and industrial microbiology use only.

Not for human or animal consumption.

7. Quality Assurance

Manufactured under controlled conditions.

Batch-specific COA available.

Consistent lot-to-lot performance.