

Bacteriological Peptone (NCM0259)

Intended Use

Bacteriological Peptone is for use in preparing microbiological culture media in a laboratory setting, and is not intended for use in the diagnosis of disease or other conditions in humans.

Description

An economical source of nutrients provided by a balanced mixture of meat peptones and tryptone. The growth requirements of most non-fastidious organisms will be fulfilled by the range of amino acids, peptides and proteoses in this mixture.

Precaution

Refer to SDS

Test Procedure

Refer to appropriate references for specific procedures using Bacteriological peptone.

Quality Control Specifications

| PHYSICAL/CHEMISTRY: | EXPECTED RESULTS |
|---------------------------|--------------------------|
| Appearance of Powder: | Cream powder |
| Solubility in water at 5% | Total |
| Clarity | Clear, pale yellow color |
| pH of 2% solution | 7.2 ± 0.2 |
| Total Nitrogen | 12% ± 0.5 |
| Amino Nitrogen | 5% ± 0.5 |

Expiration

Refer to expiration date stamped on container. Bacteriological peptone should be discarded if not free flowing, or if the appearance has changed from the original color. Expiry applies to Bacteriological peptone in its intact container when stored as directed.

Storage

Store powder at 2-30°C away from direct sunlight. Once opened and recapped, place container in a low humidity environment at the same storage temperature. Protect from moisture and light by keeping container tightly closed.