

Technical Specification Sheet



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Soy Peptone

**SKU: 700003589, 700003590, 700003591, 700003592, 700004679
(NCM0237)**

Intended Use

Soy 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

Soy peptone is a rich source of nutrients with a high carbohydrate content. Most organisms will grow rapidly in this peptone but some bacteria will produce high levels of acid leading to auto-sterilization unless an adequate buffering system is incorporated.

Precaution

Refer to SDS

Test Procedure

Refer to appropriate references for specific procedures using Soy Peptone.

Quality Control Specifications

PHYSICAL/CHEMISTRY:	EXPECTED RESULTS
Appearance	Light to Medium tan brown
Solubility in Water	Total
pH of 2% solution	7.0 ± 0.5
Total Nitrogen	≥ 7.0%
Amino Nitrogen	≥ 2.2%
Total Plate Count	< 5000 cfu/g

Expiration

Refer to expiration date stamped on container. Soy Peptone should be discarded if not free flowing, or if the appearance has changed from the original color. Expiry applies to Soy 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.



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