

## Soy Peptone (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

Prepared using the enzyme papain to digest soyabean meal, this 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

<b>PHYSICAL/CHEMISTRY:</b>	<b>EXPECTED RESULTS</b>
Appearance	Cream powder
Solubility in water at 5%	Total
Clarity	Clear, yellow color
pH of 2% solution	7.1 ± 0.2
Total Nitrogen	9.0% ± 0.5
Amino Nitrogen	1.6% ± 0.5

### 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.