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Casein Peptone Type I
SKU: 700003312, 700003313, 700003314, 00003315, 700004510
NCM0120

Intended Use
Casein Peptone Type I is an enzymatic hydrolysate of casein 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
Casein Peptone Type I is an enzymatic hydrolysate of casein, rich in peptones and amino acids (including tryptophane). This peptone can be utilized by most bacteria as a growth substrate.

Precaution
Refer to SDS

Test Procedure
Refer to appropriate references for specific procedures using casein peptones.

Quality Control Specifications

PHYSICAL/CHEMISTRY:	**EXPECTED RESULTS**
Appearance of Powder:	Homogenous, free-flowing, light to medium yellow to tan powder
Amino Nitrogen:	≥ 3.9%
Total Nitrogen:	≥ 10%
Moisture:	≤ 5%
Ash:	≤ 15%
pH (2% solution)	6.5 to 7.5
MICROBIOLOGY:	
Standard Plate Count:	< 1000 cfu/g
Coliforms Count:	Negative
PEPTONE AGAR GROWTH:	
Escherichia coli ATCC® 25922	Growth
Staphylococcus aureus ATCC® 6538	Growth

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