

Casein Peptone

Mix of peptides, free amino acids and growth factors

PHYSIC-CHEMICAL CHARACTERISTIC

Solubility in water at 5%	Complete
Loss on drying	≤ 6.0%
Total nitrogen TN	12.5-13.5 %
α-amino nitrogen AN	3.0-13.5 %
AN /TN x 100	22-33
Chloride (as NaCl)	≤ 6.0%

DESCRIPTION

Casein Peptone is a mix of peptides, free amino acids and growth factors. It is a source of nitrogen and growth factors manufactured by a controlled enzymatic hydrolysis of casein. It is recommended in media for analytical microbiology and industrial fermentation. Casein Peptone can be used as an ingredient of dehydrated media and need dissolution in distilled or deionized water and sterilization by autoclaving.

STORAGE

The powder is very hygroscopic, store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING and PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

PACKAGE

Code	Content	Packaging
611502	500 g	500 g of product in plastic bottle

pH OF THE MEDIUM

6.5-7.5 (5% solution)

SHELF LIFE

4 years







QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous

Colour: white amber

TABLE OF SYMBOLS

LOT	Batch code		Consult instructions for use		Manufacturer		Contains sufficient for <n> tests
REF	Catalogue number		Temperature limitation		Use by		Keep away from heat sources