

Proteose Peptone

Special peptone obtained by enzymatic hydrolysis of animal tissue

PHYSIC-CHEMICAL CHARACTERISTIC

Solubility in water at 2%	Complete
Loss on drying	≤ 5.0%
Total nitrogen	Not inferior to 11%
α-amino nitrogen AN	3.0-4.5%
Ash	Not superior to 25%

DESCRIPTION

Proteose Peptone is a special peptone prepared by a mix of meat, soy, yeast and casein peptone; it is particularly indicated for the preparation of media destined to toxins production, in particular diphtheric toxin by *Corynebacterium diphtheriae*. Proteose Peptone is a highly nutritive ingredient of many media for the research of *Neisseria*, *Stafilococci*, *Haemophylus*, *Pasteurella*, *Corynebacterium spp.* Proteose Peptone can be used as an ingredient of dehydrated culture 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.

DISPOSAL OF WASTE

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

REFERENCES

- Hewitt. (1930). Biochem. J. 24: 984
- Bunney and Thomas. (1936). J. Immunol. 31: 95.

PACKAGE

Code	Content	Packaging
612201	500 g	500 g of product in plastic bottle

pH of THE MEDIUM

7.0 ± 0.5 (2% solution)

SHELF LIFE

4 years







QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous.

Colour: tan.

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