

Peptone Mycological

Mixture of peptones for yeasts culture

PHYSIC-CHEMICAL CHARACTERISTIC

Solubility in water at 10%	Complete
Loss on drying	3.2%
Total nitrogen	13.7%
α -amino nitrogen AN	3.3%
AN /TN x 100	23.8%
Ash	7.0%

DESCRIPTION

Peptone Mycological is a combination of bacteriological peptone and papaic digest of liver: the first one is an enzymatic hydrolysate of meat and represents a nitrogen sources readily available for bacterial growth. Papaic digest of liver is prepared from beef liver by a controlled hydrolysis which produces a peptone rich in vitamins and essential amino acids. Its nutritional values are higher than those of most peptones and aid the growth of strict anaerobes that are generally fastidious. As a result of its capacity to stimulate sugar metabolism, papaic digest of liver is perfectly suited for growth of varied genera such as *Clostridium*, *Leuconostoc*, homo and hetero-fermenting lactic acid bacteria, as well as yeasts and filamentous fungi such as *Aspergillus oryzae*. Peptone Mycological 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

1. Eaton, A.D., L.S. Clesceri, and A.E. Greenberg. (1995). Standard methods for the examination of water and wastewater, 19th ed. American Public Health Association, Washington, D.C
2. Vanderzant, C., and D.F. Splittstoesser. (1992). Compendium of methods for the microbiological examination of food, 3rd ed. American Public Health Association, Washington, D.C

PACKAGE

Code	Content	Packaging
612101	500 g	500 g of product in plastic bottle

pH of THE MEDIUM

6.9-7.5 (10% 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