

## Polypeptone

Component in microbiological culture media

### DESCRIPTION

Polypeptone meets the nutritional requirements of various bacteria, fungi and mammalian cells, where a single source of casein meat peptone has been unsatisfactory. Polypeptone is a mixture of peptones made up of equal parts of pancreatic digest of casein and peptic digest of animal tissue. Polypeptone includes the high content of amino acids and small polypeptides characteristic of pancreatic digest of casein and the larger polypeptides characteristic of peptic digest of animal tissue. Polypeptone provides nitrogen, amino acids and vitamins in microbiological culture media.

### 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. Store prepared media at 2-8 °C.

### DISPOSAL OF WASTE

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

### REFERENCES

1. Tsuchiya and Kimura. 1978. Appl. Environ. Microbiol. 35:631
2. Son, Heo, Kim and Lee. 2001. Biotechnol. Appl. Biochem. 33(Pt 1):1
3. Lee, Lee, Kwon, Lee and Chang. 2000. Appl. Microbiol. Biotechnol. 54:23

### PACKAGE

Code	Content	Packaging
610492	500 g	500 g of product in plastic bottle

### pH of THE MEDIUM

7.0 ± 0.2

### SHELF LIFE

4 years







### QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous.

Colour: light-tan.

### TABLE OF SYMBOLS

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