

## PROTEOSE PEPTONE

Special peptone obtained by enzymatic hydrolysis of animal tissue.

### USE

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.*

### PHYSICO-CHEMICAL CHARACTERISTICS

	Standard
Solubility in water at 2%	Complete
pH of 2% solution	7.0+/-0.5
Loss on drying	≤ 5.0%
Total nitrogen	Not inferior to 11%
α-amino nitrogen AN	3.0-4.5%
Ash	Not superior to 25%

### TECHNIQUE

Proteose Peptone can be used as an ingredient of dehydrated culture media and need dissolution in distilled or deionized water and sterilization by autoclaving.

### QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous.

Color: tan.

### 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.







### REFERENCES

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

### PRESENTATION

Product	REF	$\Sigma$
PROTEOSE PEPTONE	612201	500 g
PROTEOSE PEPTONE	6122015	5 Kg

### TABLE OF SYMBOLS

<b>LOT</b> Batch code	 Caution, consult accompanying documents	 Manufacturer	$\Sigma$ Contains sufficient for <n> tests	<b>IVD</b> In Vitro Diagnostic Medical Device
<b>REF</b> Catalogue number	 Fragile, handle with care	 Use by	 Temperature limitation	 Keep away from heat source



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