

## SOY PEPTONE

Soy peptone obtained by enzymatic hydrolysis of soy bean meal.

### USE

SOY PEPTONE is a product obtained by enzymatic digestion of soybean flour, soluble in water. It is utilized for the production of antibiotics and other fermentation products and for the preparation of culture media for microbiology.

### PHYSICO-CHEMICAL CHARACTERISTICS

	Standard
Solubility in water at 2%	Complete
pH at 2% concentration	7.0+/-0.5
Loss on drying	≤ 5.0%
Total nitrogen	9- 11%
α-amino nitrogen AN	2-3%
Ash	Not superior to 15%

### TECHNIQUE

Soy 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: beige.


### 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

1. U.S. Department of Agriculture (1998) Microbiology laboratory guidebook, 3rd ed. Food safety and Inspection service, USDA, Washington, DC.
2. U.S. Food and Drug Administration (1995). Bacteriological analytical manual, 8th ed. AOAC International, Gaithersburg, Md.

### PRESENTATION

Product	REF	
SOY PEPTONE	612501	500 g
SOY PEPTONE	6125015	5 Kg

### TABLE OF SYMBOLS

 <b>LOT</b> Batch code	 Caution, consult accompanying documents	 Manufacturer	 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



**LIOFILCHEM s.r.l.**

Via Scozia, Zona Ind.le - 64026, Roseto D.A. (TE) - ITALY

Phone +390858930745 Fax +390858930330

Website: [www.liofilchem.net](http://www.liofilchem.net) E-mail: [liofilchem@liofilchem.net](mailto:liofilchem@liofilchem.net)

