

Peptone

Cat No.: P8450

Package: 250g/1000g

Storage: Store at ordinary temperature, valid for 5 year.

Product Parameters:

CAS	73049-73-7	pH	4.0-7.5
Appearance(properties)	light yellow powder	Grade	BR
Purity	total nitrogen \geq 14.5%, amino nitrogen \geq 2.5%	Solubility	20mg/ml in water

Product Description:

Peptone is rich in organic nitrogen compounds and also contains some vitamins and sugars. It can be used as the main raw material for microbial culture medium, and is used in large quantities in the fields of antibiotics, pharmaceutical industry, fermentation industry, biochemical products and microbiological research, etc. It can be used to treat digestive disorders; different organisms require specific amino acids and polypeptides, so there are various kinds of Peptone, generally speaking, the proteins used for Peptone production include animal proteins (Casein, meat), plant proteins (legumes), and microbial proteins (yeast) are three types. These proteins can provide microorganisms with nutrients such as C source, N source, and growth factors.

Note:

1. The biochemical reagents produced by our company are basically non-sterile packaging if not specially labelled, if used in cellular experiments, please do the pretreatment in advance.
2. The product information is for reference only, if you have any questions, please call 400-968-6088 for consultation.
3. This product is for scientific research use only. Do not use in medicine, clinical diagnosis or treatment, food and cosmetics. Please do not store in ordinary residential areas.
4. For your safety and health, please wear a good lab coat and disposable gloves and mask to operate.

Related Products:

T8490 Tryptone

S9500 Soya Peptone

C9260 Casein Peptone

P8960 Proteose Peptone

P8920 Peptone Fish

Related Paper:

[1] Xu B, Zang SC, Li SZ, Guo JR, Wang JF, Wang D, Zhang LP, Yang HM, Lian S. HMGB1-mediated differential response on hippocampal neurotransmitter disorder and neuroinflammation in adolescent male and female mice following cold exposure. *Brain Behav Immun.* 2019 Feb;76:223-235. doi: 10.1016/j.bbi.2018.11.313. Epub 2018 Nov 23. PMID: 30476565.