

■Peptone

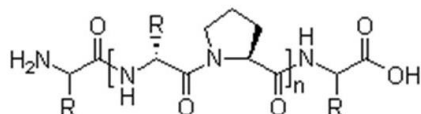
Introduction

Product properties: Light beige to yellow, powder form, soluble in water. Peptone is extracted from poultry cartilage, by using modern biological technology, to production new nutrition food products.

Functions: The protein content is more than 90%, it is rich in more than 18 kinds of amino acids. It provides abundant nitrogen source and growth factor for bacterial growth. Peptone also is the basic raw material for biopharmaceutical fermentation and the preparation of various culture media.

Ingredient

Product Name	Peptone
CAS	9064-67-9
MF	C ₄ H ₆ N ₂ O ₃ R ₂ .(C ₇ H ₉ N ₂ O ₂ R) _n
MW	
MS	



Item and Standard

ITEM	UNIT	STANDARD
Appearance		White powder
Odor		None
Loose Density	g/ml	≥0.20g/ml
Protein	%	≥90%
pH		5.0-7.5
Moisture	%	≤5.0%
Ash	%	≤2.0%
Average molecular weight		≤5000
Heavy Metals	mg/kg	Pb , ≤1mg/kg

	Cr , $\leq 2\text{mg/kg}$
	As , $\leq 0.5\text{mg/kg}$
	Hg , $\leq 0.1\text{mg/kg}$
Bacterial Count	$\leq 1000\text{cfu/g}$
Coliforms	$\leq 30\text{cfu/g}$
Mold & Yeast	$\leq 50\text{cfu/g}$
Pathogenic bacteria	Negative

Application

As a kind of nitrogen source in culture media, can be widely used in below applications:

1. Laboratory culture media.
2. Industry fermentation such as Probiotics.



Packaging

25KG

Storage

Please reading safety data sheet before carrying or using the product.
Cool and dry, keep tightly closed, quality guarantee period is two years.