

## Bacteriological Peptone

#GCM22.0500  
(for research only)

<b>Product:</b>	Bacteriological peptone is the product of an enzymatic digestion (by trypsin and pepsin) of animal tissues, and as such composed of a mixture of amino acids, including essential amino acids, and low molecular weight peptides. It is widely used as a supplement for microbiological culture media, as it serves as a nutritious hydrolysate.
<b>Quantity:</b>	500g
<b>Appearance:</b>	Clear beige powder.
<b>Storage:</b>	2°C – 25°C. When not in use, keep container closed to avoid hydration.

### Typical composition of aminoacids (g/100g)

Alanine:	7,95	Arginine:	7,21	Aspartic Acid:	6,42
Cystine:	0,14	Glutamic acid:	9,93	Glycine:	20,71
Histidine:	0,93	Isoleucine:	1,41	Leucine:	3,02
Lysine:	3,69	Methionine:	0,92	Phenylalanine:	1,94
Proline:	11,71	Serine:	3,51	Threonine:	1,90
Tryptophan:	0,09	Tyrosine:	0,75	Valine:	2,40

### Chemical Characteristics:

Amino Nitrogen:	typical: 3,0% (min: 2,6%)
Total Nitrogen:	typical: 15,5% (min:12,0%)
Loss on drying:	typical: 3,20% (max 6,0%)
Ash content:	typical: 4,7% (max 15,0%)
Calcium:	typical: 0,023%
Magnesium:	typical: 0,013%
Potassium:	typical: 0,25%
Sodium:	typical: 1,40%
pH (2%)	typical: 6,9 (range: 7.0±0,5)

## ORDERING INFORMATION – Culture Media and Components

Reference #	Product Name	Quantity
GCM01.0500	LB Agar (Lennox)	500 g
GCM02.0500	LB Broth (Lennox)	500 g
GCM03.0500	Luria Agar (Miller's LB Agar)	500 g
GCM04.0500	Luria Broth (Miller's LB Broth)	500 g
GCM05.0500	Luria Agar (Miller's Modification)	500 g
GCM06.0500	Luria Broth (Miller's Modification)	500 g
GCM07.0500	Terrific Broth	500 g
GCM08.0500	Modified Terrific Broth	500 g
GCM09.0500	2xYT Medium	500 g
GCM10.0500	2xYT Agar	500 g
GCM11.0500	SOB Medium	500 g
GCM12.0500	SOC Medium	500 g
GCM13.0500	YPD Broth	500 g
GCM14.0500	YPD Agar	500 g
GCM15.0500	YNB w/o amino acids and w/o ammonium sulfate	500 g
GCM16.0500	YNB w/o amino acids with ammonium sulfate	500 g
GCM17.0500	LB Broth (Auto Induction Medium)	500 g
GCM18.0500	2xYT Broth (Auto Induction Medium)	500 g
GCM19.0500	Terrific Broth (Auto Induction Medium)	500 g
GCM20.0500	Super Broth (Auto Induction Medium)	500 g
GCM21.0500	Peptone	500 g
GCM22.0500	Bacterial Peptone	500 g
GCM23.0500	Tryptone	500 g
GCM24.0500	Yeast Extract	500 g
GCM25.0500	Bacteriological Agar	500 g
GCM26.0500	Dextrose	500 g
GCM27.0500	Sucrose	500 g

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