

Peptone
#GCM21.0500
 (for research only)

- Product:** Peptone is a pancreatic digest of casein and as such composed of a balanced mixture of amino acids, including essential amino acids, and low molecular weight peptides. It can be used as a supplement for microbiological culture media, for the production of vaccines, toxins, enzymes and other proteins in fermentation processes. It serves as a nutritious hydrolysate, especially for organisms that prefer peptides over amino acids.
- Quantity:** 500g
- Appearance:** Clear beige powder.
- Storage:** 2°C – 25°C. When not in use, keep container closed to avoid hydration.

Typical composition of aminoacids (g/100g)

Alanine:	2,91	Arginine:	3,30	Aspartic Acid:	6,99
Cystine:	0,44	Glutamic acid:	18,74	Glycine:	1,86
Histidine:	2,38	Isoleucine:	4,45	Leucine:	7,62
Lysine:	6,60	Methionine:	2,32	Phenylalanine:	4,11
Proline:	8,65	Serine:	5,08	Threonine:	3,91
Tryptophan:	0,95	Tyrosine:	1,86	Valine:	5,51

Chemical Characteristics:

Amino Nitrogen:	typical: 4,2% (min: 3,9%)
Total Nitrogen:	typical: 13,1% (min:10,0%)
Loss on drying:	typical: 3,30% (max 6,0%)
Ash content:	typical: 6,0% (max 15,0%)
Calcium:	typical: 0.019%
Magnesium:	typical: 0,0079%
Potassium:	typical: 1,30%
Sodium:	typical: 2,10%
pH (2%)	typical: 6,8 (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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