

# CondaLow Meat Peptone

Cat. 1637

Meat peptone with low endotoxin content.

## Practical information

Applications	Categories
Growth	General use

Industry: Culture media ingredients / CondaLow

## Principles and uses

CondaLow Meat Peptone is a enzymatic digest of animal tissue. The controlled manufacturing process ensures a low endotoxin content.

This peptone is an excellent source of nutrients that meets the requirements of cell culture . It can be used in tissue culture media, vaccine and antibody production, and in an extensive BioPharma process.

## Physical-chemical characteristics

Description	Specification	Typical Analysis
Amino nitrogen (AN)	>=3,40%	3,70%
Total nitrogen (TN)	>=10,00%	12,30%
Loss on drying	<=6,00%	2,70%
AN/TN Ratio	N/A	30,00
Ash	<=15,00%	9,20%
pH (2% solution)	6,50-7,50	6,90

## Elemental profile

Descripción	Value
Calcium	0,072%
Magnesium	0,029%
Potassium	2,70%
Sodium	2,50%

## Amino acids

	Total (g/100g)		Total (g/100g)		Total (g/100g)
Glutamic acid	11,62	Cysteine	0,37	Alanine	5,62
Lisine	4,30	Serine	2,95	Aspartic acid	5,61
Phenylalanine	2,61	Glycine	8,37	Valine	3,50
Treonine	2,46	Leucine	4,50	Isoleucine	2,63
Methionine	0,85	Arginine	4,08	Histidine	1,31
Tryptophan	0,59	Proline	6,29	Tyrosine	1,11

## Microbiological test

Description	Specification
Endotoxins	< 200 EU/g
Standard plate count	< 5.000 CFU/g

Yeast and molds  
Coliforms  
Salmonella

< 100 CFU/g  
Negative  
Negative

## Storage

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Temp. Min.:2 °C  
Temp. Max.:25 °C