

# CondaLow Casein Peptone

Cat. 1636

Casein peptone with low endotoxin content.

## Practical information

Applications	Categories
Growth	General use

Industry: Culture media ingredients / CondaLow

## Principles and uses

CondaLow Casein Peptone is a pancreatic digest of casein. 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)	$\geq 3,90\%$	4,20%
Total nitrogen (TN)	$\geq 10,00\%$	13,13%
Loss on drying	$\leq 6,00\%$	3,30%
AN/TN Ratio	N/A	32,00
Ash	$\leq 15,00\%$	6,00%
pH (2% solution)	6,50-7,50	6,80

## Elemental profile

Descripción	Value
Calcium	0,019%
Magnesium	0,0079%
Sodium	2,10%
Potassium	1,30%

## Amino acids

	Total (g/100g)		Total (g/100g)		Total (g/100g)
Glutamic acid	18,74	Isoleucine	4,45	Leucine	7,62
Proline	8,65	Phenylalanine	4,11	Alanine	2,91
Aspartic acid	6,99	Treonine	3,91	Histidine	2,38
Lysine	6,60	Arginine	3,30	Metionine	2,32
Valine	5,51	Glycine	1,86	Tryptophan	0,95
Serine	5,08	Tyrosine	1,86	Cystine	0,44

## Microbiological test

Description	Specification
Endotoxins	$< 200$ EU/g
Yeast and molds	$< 100$ CFU/g

Coliforms  
Standard plate count  
Salmonella

Negative  
<5.000 CFU/g  
Negative

## Storage

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Temp. Min.:2 °C  
Temp. Max.:25 °C