

CondaLow Soy Peptone

Cat. 1618

Soy peptone with low endotoxin content.

Practical information

Applications	Categories
Growth	General use

Industry: Ingredients for culture media / CondaLow

Principles and uses

CondaLow Soy Peptone is a product obtained from soy protein, whose controlled manufacturing process ensures a low endotoxin content in the final product.

This peptone is an excellent source of peptides, vitamins, and carbohydrates. It is used in cell culture media, providing better cell density and increased protein production. It is also used in the production of vaccines and in other biopharmaceutical processes.

Physical-chemical characteristics

Description	Specification	Typical Analysis
Amino nitrogen (AN)	$\geq 2,20\%$	3,10%
Total nitrogen (TN)	$\geq 7,00\%$	9,76%
Loss on drying	$\leq 6,00\%$	3,70%
AN/TN Ratio	N/A	34,84
Ash	$\leq 15,00\%$	9,00%
pH (2% solution)	6,50-7,50	7,30

Elemental profile

Descripción	Value
Calcium	0,039%
Magnesium	0,099%
Potassium	4,50%
Sodium	3,16%

Amino acids

	Total (g/100g)		Total (g/100g)		Total (g/100g)
Glutamic acid	11,83	Methionine	0,86	Threonine	2,61
Aspartic acid	9,00	Valine	2,94	Isoleucine	2,55
Leucine	3,90	Glycine	2,47	Proline	2,54
Alanine	3,18	Cystine	0,79	Tyrosine	1,38
Arginine	3,05	Lysine	3,85	Histidine	1,23
Phenylalanine	2,40	Serine	2,69	Tryptophan	0,68

Microbiological test

Description	Specification
Endotoxins	$< 0,2$ EU/mg

Standard plate count
Salmonella
Yeast and molds
Coliforms

<5.000 CFU/g
Negative
<100 CFU/g
Negative

Storage

Temp. Min.:2 °C
Temp. Max.:25 °C