

CondaLow Wheat Peptone

Cat. 1638

Wheat peptone with low endotoxin content.

Practical information

Applications	Categories
Growth	General use

Industry: Culture media ingredients / CondaLow

Principles and uses

CondaLow Wheat Peptone is an animal free protein hydrolysate based on wheat protein with a low content of endotoxins.

It is a nutrient source that support general requirements of cell culture. It can be used in tissue culture media, vaccines and antibodies production and a wide BioPharma process.

Physical-chemical characteristics

Description	Specification	Typical Analysis
Ash	<15%	14,8%
Amino Nitrogen (AN)	> 1,00%	1,78%
Total Nitrogen (TN)	>10,00%	12,33%
AN/TN Ratio	N/A	14,44%
Loss on drying	<6%	2,58%
pH (2% solution)	6,5-7,5	6,73

Amino acids

	Total (g/100g)		Total (g/100g)		Total (g/100g)
Glutamic acid	30,0	Alanine	2,08	Arginine	2,43
Tryptophan	0,62	Proline	13,3	Tyrosine	2,26
Serine	3,85	Leucine	5,53	Threonine	2,08
Phenylalanine	4,48	Glycine	3,27	Histidine	1,52
Serine	3,85	Isoleucine	2,81	Lysine	1,20
Valine	3,26	Aspartic acid	2,52	Cystine	1,00
				Methionine	0,806

Microbiological test

Description	Specification
Endotoxins	<200 EU/g
Standard plate count	<1.500 CFU/g
Yeast and molds	<100 CFU/g
Salmonella	Negative
Coliforms	Negative

Storage

Temp. Min.:2 °C

Temp. Max.:25 °C