

Low Endotoxin Level Peptones that improves cell density and protein production for eukaryotic and prokaryotic cell cultures in **BioPharma process**.



PRODUCT DESCRIPTION:

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

POTENCIAL APPLICATIONS:

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 CHARACTERISTICS:

Fine powder, light brown colored and no foreign particles.

Chemical Characteristics	Specifications	Typical Value
Amino Nitrogen (AN)	Minimum 1,00 %	1,78%
Total Nitrogen (TN)	Minimum 10,00%	12.33%
AN/TN	N/A	14.44
Loss on drying	Maximum 6,00%	2.58%
Ash	Maximum 15,00%	14.8%
pH (2% solution)	6,50 – 7,50	6.73

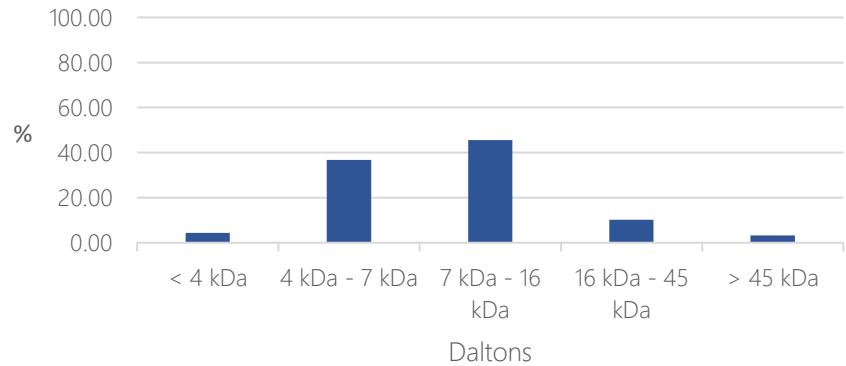
Microbiological Characteristics	Specifications
Endotoxins	<200 EU/g
Standard plate count	Less than 1500 CFU/g
Yeasts and molds	Less than 100 CFU/g
Coliforms	Negative
Salmonella	Negative

PACKAGING	STORAGE	RETEST	CERTIFICATIONS
The dry product is packaged in polyethylene bags into reinforced fiber board drums. 25 kg 50 kg	Keep in original packaging closed, in a dry and cool place. Hygroscopic product.	5 years after its manufacturing date.	ISO 9001 SADER-SENASICA

Molecular weight distribution %

< 4 kDa	4.35
4 kDa - 7 kDa	36.73
7 kDa - 16 kDa	45.50
16 kDa - 45 kDa	10.19
> 45 kDa	3.24
Promedio de Peso	7 kDa
Molecular Da	

MOLECULAR WEIGHT DISTRIBUTION



Amino acid	g/100g
Glutamic acid	30.0
Proline	13.3
Leucine	5.53
Phenylalanine	4.48
Serine	3.85
Glycine	3.27
Valine	3.26
Isoleucine	2.81
Aspartic acid	2.52
Arginine	2.43
Tyrosine	2.26
Alanine	2.08
Threonine	2.08
Histidine	1.52
Lysine	1.20
Cystine	1.00
Methionine	0.806
Tryptophan	0.62

Amino acid Profile

