

PRODUCT DESCRIPTION:

Mycological Peptone is a mixture of plant and animal peptones.

POTENCIAL APPLICATIONS:

It is used for the isolation and diagnosis of pathogenic and non-pathogenic fungi. It rapidly gives a luxuriant growth.

PHYSICAL CHARACTERISTICS:

Fine powder, beige to light brown colored and no foreign particles.

Chemical Characteristics	Specifications	Typical Value
Amino Nitrogen (AN)	Minimum 3,50%	3.80%
Total Nitrogen (TN)	Minimum 10,00%	11.80%
AN/TN	N/A	32.20
Loss on drying	Maximum 6,00%	3.80%
Ash	Maximum 15,00%	7.40%
pH (2% solution)	6,50 – 7,50	7.05

Microbiological Characteristics	Specifications
Standard plate count	Less than 5000 CFU/g
Yeasts and molds	Less than 100 CFU/g
Coliforms	Negative
Salmonella	Negative

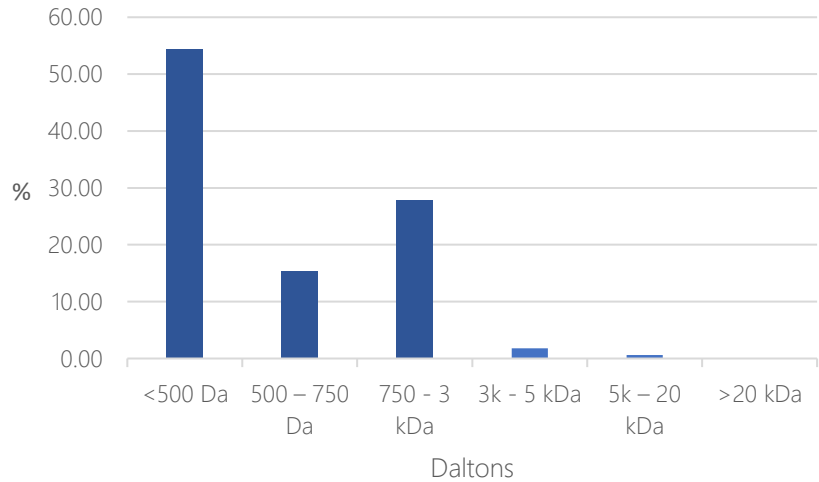
Growth Supporting Properties: satisfactory (according to internal controls)	
Bacterial	ATCC
<i>Aspergillus brasiliensis</i>	16404
<i>Candida albicans</i>	10231
<i>Saccharomyces cerevisiae</i>	9763

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 %

<500 Da	54.50
500 – 750 Da	15.30
750 - 3 kDa	27.80
3k - 5 kDa	1.80
5k – 20 kDa	0.60
>20 kDa	0.00
Average Molecular Weight Da	296.00

MOLECULAR WEIGHT DISTRIBUTION



Amino acid g/100g

Glutamic acid	12.45
Lysine	10.34
Proline	6.80
Glycine	5.52
Aspartic acid	5.32
Leucine	5.11
Arginine	4.19
Threonine	3.74
Alanine	3.61
Valine	3.52
Isoleucine	2.96
Phenylalanine	2.91
Serine	1.74
Histidine	1.58
Tyrosine	1.42
Methionine	1.41
Tryptophan	0.43
Cystine	0.40

Amino acid Profile

