

PRODUCT DESCRIPTION:

Yeast Extract is a water soluble extract of selected autolyzed yeast cells. It is rich in vitamins, especially B-complexes, amino acids and other growth factors.

POTENCIAL APPLICATIONS:

It is used in many microbiological culture media formulations as an excellent growth source.

PHYSICAL CHARACTERISTICS:

Fine, straw yellow to light brown colored powder.

Chemical Characteristics	Specifications	Typical Value
Amino Nitrogen (AN)	Minimum 5,0%	5,8%
Total Nitrogen (TN)	Minimum 10%	10,9%
AN/TN	N/A	53,2%
Loss on drying	Maximum 6,0%	2,9%
Ash	Maximum 15,0%	10,7%
pH (2% solution)	5,3 – 7,2	6,87%

Microbiological Characteristics	Specifications	Minerals	Typical Value
Standard plate count	Less than 5,000 CFU/g	Calcium	0,2%
Yeasts and molds	Less than 100 CFU/g	Magnesium	0,1%
Coliforms	Negative	Potassium	9,1%
Salmonella	Negative	Sodium	2,0%

Growth Supporting Properties: satisfactory (according to internal controls)

Bacterial	ATCC
<i>Escherichia coli</i>	25922
<i>Staphylococcus aureus</i>	25923
<i>Shigella flexneri</i>	12022
<i>Pseudomonas aeruginosa</i>	27853
<i>Enterococcus faecalis</i>	29212
<i>Streptococcus pyogenes</i>	19615
<i>Streptococcus pyogenes</i>	49117
<i>Streptococcus pneumoniae</i>	6305

PACKAGING

The dry product is packed in polyethylene bag inside of reinforced cardboard bags.
20 kg

STORAGE

Keep in original packaging closed, in a dry and cool place.
Hygroscopic product.

RETEST

2 years after its manufacturing date.

CERTIFICATIONS

ISO 9001
SADER-SENASICA