



Yeast Extract

Product Description

Name :	Yeast Extract
Catalog Number :	N1468D, 500 g N1468F, 5 Kg

Storage 20-25°C. Once opened keep powdered medium closed to avoid hydration.

Yeast Extract is a concentrate of the water- soluble portion of *Saccharomyces cerevisiae* cells that have been autolyzed. It is rich in vitamins, especially B-complexes, amino acids and other growth factors. It is used in many microbiological culture media formulations as an excellent growth source.

Yeast extract is considered a non-animal product and is used extensively for many non-animal formulations of bacterial, fungal, mammalian and insect cell culture.

Chemical Characteristics

	SPECIFICATIONS	TYPICAL ANALYSIS
Amino Nitrogen (AN)	Minimum 4.5%	5.40%
Total Nitrogen (TN)	Minimum 10%	10.70%
AN/TN Ratio	N/A	50.46%
Loss on drying	Maximum 5%	3.30%
Ash	Maximum 15%	9.50%
pH (2% solution)	6.0 – 7.2	6.8

Elemental Profile

	TYPICAL ANALYSIS
Calcium	0.10%
Magnesium	0.10%
Potassium	5.70%
Sodium	0.30%

FT-N1468D

Amino Acids

	Total (g/100g)		Total (g/100g)		Total (g/100g)
Alanine	8.70	Histidine	2.0	Proline	4.0
Arginine	5.00	Isoleucine	5.60	Serine	4.70
Aspartic acid	9.70	Leucine	7.60	Threonine	4.40
Cystine	0.80	Lysine	8.0	Tryptophan	1.20
Glutamic acid	16.10	Methionine	1.30	Tyrosine	2.30
Glycine	4.90	Phenylalanine	3.80	Valine	5.80

Microbiological test

Standard plate count	Less than 5000 col/g
Yeasts and molds	Less than 100 col/g
Coliforms	Negative
<i>Salmonella</i>	Negative

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

[Order on-line](#) or [Contact](#) your local distributor

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interchim

211 bis, avenue JF Kennedy
BP 1140 - 03100 Montluçon
Fax +33 4 70 03 82 60

■ Hotline +33 4 70 03 73 06 • interbiotech@interchim.com ■