

Edition 2019/10



## Yeast Extract 19511-MG

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### Definition

Yeast Extract is manufactured by autolysis of *Saccharomyces cerevisiae*.

### Description

Micro-granulated powder easily soluble in water.

Yeast Extract contains a mix of peptides, free amino acids, purine and pyrimidine bases and hydrosoluble vitamins of B group.

### Use

Source of organic nitrogen and growth factors recommended in media for:

- Industrial fermentation.

### Physico-chemical characteristics

	Standard
pH (5 % solution)	6.4 - 7.4
Loss on drying	≤ 6.0 %
Total nitrogen TN	10.0 - 11.8 %
α-amino nitrogen AN	4.8 - 6.3 %
AN/TN x 100	41 - 60
Residue on ignition	≤ 18.0 %
Chloride (as NaCl)	≤ 1.0 %

### Microbiology

	Standard
Total aerobic microbial count	≤ 5000 /g
Coliforms	≤ 10 /g
<i>Escherichia coli</i>	Absence /g
<i>Salmonella</i>	Absence / 25 g
<i>Staphylococcus aureus</i>	Absence /g
Yeast and moulds	≤ 100 /g



The information contained in this publication is based on our own research and development work and is to the best of our knowledge true and accurate.

Users should, however, conduct their own tests to determine the suitability of our products for their own specific purposes.

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## Documentation

The certificate of analysis and the sanitary certificate are supplied with each delivery.

## Packing and storage

25 kg net corrugated board box with inner polyethylene bags.

Upon request : 5kg plastic drum

Keep in original packaging closed when not in use,  
at room temperature in a dry area.

Hygroscopic product.

Best before: 3 years

## Health and safety information

Dusty powder.

Avoid inhalation.



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