



Yeast Extract SY8 19517

Definition

Yeast Extract SY8 is a high quality Yeast Extract obtained from primary grown baker's yeast. It is ultra filtered and therefore the endotoxin content is very low (typical data : <10 EU/g).

Description

Yellowish to yellow powder.

Yeast Extract SY8 contains a mix of peptides, free amino acids, purine, pyrimidine bases and hydrosoluble vitamins of B group.

Use

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

- Analytical microbiology
- Industrial fermentation, including high value fermentations such as Vaccines, Pharmaceutical recombinant proteins, Interferon, etc.

Physico-chemical characteristics

	Standard
Solubility in water at 5 %	Complete
pH (5 % solution)	6.7 – 7.2
Loss on drying	≤ 6.0 %
Total nitrogen TN	10.4 – 11.2 %
α-amino nitrogen AN	5.4 – 6.6 %
AN/TN x 100	48 - 63
Residue on ignition	≤ 20 %
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

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Documentation

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

Packing and storage

20 kg net Kraft Paper bag / 20 kg net corrugated board box.

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

Best before: 2 years

Health and safety information

Dusty powder.

Avoid inhalation.



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