



TECHNICAL DATA

YEAST EXTRACT S5

21195

DESCRIPTION

Yeast Extract S5 is a water-soluble primary *Saccharomyces cerevisiae*, fortified with malt extract. It contains peptides, amino acids, reducing sugars, minerals and other growth factors.

APPLICATION

Yeast Extract S5 is used as nutrients in many types of fermentation such as yeasts and fungus.

SPECIFICATIONS

ANALYTICAL ITEM	STANDARD
Optical density at 600nm (2 % solution) before autoclaving	0.00 – 0.25
Optical density at 600nm (2 % solution) after autoclaving	0.00 – 0.25
Appearance	Beige powder
Solubility in water at 2 %	Complete
pH (2 % solution)	6.0 – 7.0
Loss on drying	≤ 8.0 %
Protein (N x 6.25)	≥ 30.0 %
Chlorides (NaCl)	≤ 1.0 %
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Total aerobic microbial count	≤10 000 /g
Coliforms	≤ 10 /g
Escherichia coli	≤ 1 /g
Salmonella	Absence / 25 g
Staphylococcus aureus	Absence / 10 g
Yeasts and moulds	≤ 100 /g

INGREDIENT

Yeast extract and malt extract, for use in culture media.

ALLERGEN

Cereals containing gluten and products thereof.

CERTIFICATIONS

Halal, Non-GMO, Animal-free.

PACKING AND STORAGE

500 g polyethylene bottle.

5 kg plastic drum with inner polyethylene bags.

25 kg net corrugated board box with inner polyethylene bags.

When stored in sealed containers, at ambient temperature in dry and clean conditions, the expected shelf life is 2 years.

HEALTH AND SAFETY INFORMATION

Dusty powder. Avoid inhalation.