



TECHNICAL DATA

YEAST PEPTONE F83

21314

DESCRIPTION

Yeast Peptone F83 is a water-soluble primary grown yeast peptone of the genus *Saccharomyces cerevisiae*. It contains a high level of protein in the form of readily and easily assimilated amino acids and peptides. It also contains soluble nucleic acids, vitamins, minerals and other factors to stimulate growth and metabolite production. It is a spray-dried powder.

APPLICATION

Yeast Peptone F83 is used as nutrients in many types of fermentation including lactic acid cultures, pharmaceuticals and bioremediation.

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)	5.0 – 7.0
Loss on drying	≤ 9.0 %
Total nitrogen TN	≥ 9.8 %
Chlorides (NaCl)	≤ 1.0 %
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 peptone, for use in culture media.

ALLERGEN

None.

CERTIFICATIONS

Halal, Non-GMO, Animal-free, Allergen-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.