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TECHNICAL DATA

YEAST PEPTONE BROTH

21482

DESCRIPTION

Yeast Peptone Broth is manufactured by blending the yeast peptone and beef peptone together, which provides an excellent source of nitrogen, vitamins and minerals for microbial media and fermentations.

APPLICATION

Yeast Peptone Broth is used as a nutrient 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)	6.0 – 7.0
Loss on drying	≤ 8.0 %
Total nitrogen TN	10.5 – 12.5 %
Chlorides (NaCl)	≤ 1.5 %
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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 peptone and Beef peptone, for use in culture media.

ALLERGEN

None.

CERTIFICATIONS

Non-GMO, Non-TSE/BSE, 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.