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TECHNICAL DATA

POLYPEPTONE MS-2110

19223

DESCRIPTION

Polypeptone MS-2110 is a water-soluble fine beige powder, produced by blending the special selected beef peptone and soy peptone together. It contains a high level of protein, in readily and easily absorbable pre-digested forms such as peptides and amino acids, minerals and growth factors.

APPLICATION

Polypeptone MS-2110 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)	5.5 – 7.0
Loss on drying	≤ 10.0 %
Total nitrogen TN	11.5 – 13.0 %
Chlorides (NaCl)	≤ 3.0 %
Total aerobic microbial count	≤10 000 /g
Coliforms	≤ 10 /g
Escherichia coli	Absence / g
Salmonella	Absence / 25 g
Staphylococcus aureus	Absence / 10 g
Yeasts and moulds	≤ 100 /g

INGREDIENT

Beef peptone and soy peptone, for use in culture media.

ALLERGEN

Soybeans and products thereof.

CERTIFICATIONS

Non-GMO.

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.