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TECHNICAL DATA

CRYOPRO P55

21575

DESCRIPTION

CryoPro P55 is a water-soluble fine cream powder. It contains readily and easily absorbable peptides, amino acids, soluble nucleic acids, minerals and other growth factors.

APPLICATION

CryoPro P55 is specially designed to use in the lactic acid bacteria fermentation as cryoprotectant nutrients. It promotes the bacteria to grow more healthily, energetic and with freezing resistance.

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	Cream powder
Solubility in water at 2 %	Complete
pH (2 % solution)	5.0 – 7.0
Loss on drying	≤ 10.0 %
Protein	≥ 45 %
Chlorides (NaCl)	≤ 2.0 %
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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

Pea peptone, glycine and dextrin,
for use in culture media.

ALLERGEN

None.

CERTIFICATIONS

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

PACKING AND STORAGE

500 g polyethylene bottle.

5 kg plastic drum with inner polyethylene bags.

20 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.