

Product Name : Proteose Peptone	Product Code : NLAB-CHEMICALSIND20018
Description : Proteose Peptone	
Technical Specification : Proteose Peptone Proteose Peptone is a highly nutritious ingredient employed in media used for bulk production of antibiotics, enzymes, bacterial toxins etc. It is used in synthetic media in acclimatization of microorganisms in bioreactor studies. Also, it finds application as lyoprotectant in preparation of freeze-dried cultures of Campylobacter jejuni which is widely used in the food and microbiological industry for reference materials and culture collections. Principle And Interpretation Proteose Peptone is prepared from peptic digest of animal tissue. It is rich in proteoses, peptones and free amino acids. It is a highly nutritious ingredient employed in media used for bulk production of antibiotics, enzymes, bacterial toxins etc. Quality Control Appearance: Light yellow to brownish yellow homogenous free flowing powder ,having characteristic odour but not putrescent. pH: 6.30- 7.30 Reaction: Reaction of 2% w/v aqueous solution at 25°C. Solubility: Freely soluble in distilled water, insoluble in alcohol. Clarity: 1% w/v aqueous solution is clear without any haziness after autoclaving at 15 lbs pressure (121°C) for 15 minutes. Microbial Load Total aerobic microbial count (cfu/gm)	

Bacterial Count: 2000 CFU/gram

By plate method when incubated at 30-35°C for not less than 3 days.

Total Yeast and mould count (cfu/gm)

By plate method when incubated at 20-25°C for not less than 5 days.

Yeast & mould Count: 100 CFU/gram.

Naugralabequipments

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