

PEPTONE, 500g**PG-636-500G**

Peptone is a high-quality enzymatic digest of animal or plant proteins used as a rich source of amino acids, peptides, nitrogen compounds, vitamins, and growth factors for microbiological culture media. It is widely employed in bacterial cultivation, fermentation processes, microbial diagnostics, vaccine production, and biotechnology research. Peptone supports robust microbial growth and is a key ingredient in numerous culture media formulations..

Details**Product Name** Peptone**Description** Enzymatic digest of proteins providing peptides, amino acids, and nutrients for microbial growth and fermentation applications.**Appearance** Cream to light yellow free-flowing powder**Solubility** Freely soluble in water**pH (2% Solution)** 6.5 – 7.5**Total Nitrogen** $\geq 10.0\%$ **Amino Nitrogen** $\geq 2.5\%$ **Loss on Drying** $\leq 6.0\%$ **Ash Content** $\leq 15.0\%$ **Storage Condition** RT.**Safety**

Generally regarded as non-hazardous under normal laboratory conditions. Avoid inhalation of dust and contact with eyes. Use appropriate laboratory PPE, including gloves, lab coat, and safety glasses. Store in a cool, dry place away from moisture.