

Peptone from Casein, pancreatic, granulated

Tryptone, pancreatic, granulated

Tryptone, granulated is suited for the preparation of media for fastidious microorganisms, fungi, bacterial vaccine production, and the elaboration of indole testing

Mode of Action

Tryptone is a pancreatic digestion of casein. It fulfils the USP criteria for tryptone.

Tryptone is a nitrogen source containing a high level of free amino acids, particularly tryptophane and the absence of detectable carbohydrates.

It is usually employed in concentrations of 1.0%.

Typical Analysis

Colour granules	Beige
pH (5% in water)	6.7-7.7
Loss on drying (105 °C)	≤6%
Sulfated ash (800 °C)	≤15%
Amino-nitrogen (N _α)	3.0-5.0%
Assay protein (ex. N calc. on dried substance)	≥80%
Nitrogen (N _T) (Kjeldahl)	12-13%
Calcium	≤0.1%
Amino acid specification	See table page 542

Ordering Information

Product	Merck Cat. No.	Pack size
Peptone from Casein, pancreatic, granulated	1.07213.1000	1 kg
Peptone from Casein, pancreatic, granulated	1.07213.2500	2.5 kg
Peptone from Casein, pancreatic, granulated	1.07213.9025	25 kg

Quality control

Test strains	Growth
Staphylococcus aureus ATCC 25923	+
Staphylococcus aureus ATCC 6538P	+
Enterococcus faecalis ATCC 11700	+
Listeria monocytogenes ATCC 19113	+
Escherichia coli ATCC 8739	+
Klebsiella pneumoniae ATCC 13883	+
Salmonella typhimurium ATCC 14028	+