Creative Enzymes®

Peptone, Industrial Grade

Cat. No. CEGZ-6438

Lot. No. (See product label)

Introduction

Description	A light-colored protein hydrolysate powder produced from fresh meat, bone, casein or other animal tissues by acid or alkaline hydrolysis, supplying organic nitrogen and growth-supporting nutrients.
Applications	Culture-media ingredient for pharmaceutical microbiological testing and cultivation of microorganisms requiring a robust nitrogen source.

Product Information

Source	Fresh meat, bone, casein or animal tissue
Appearance	Powder; pale yellow to brown; no caking; characteristic odor; free of visible foreign matter.
Form	Powder
pH Stability	2% aqueous solution: 4.5-7.0
Composition	Mixed protein hydrolysate containing peptides, amino acids and associated organic nutrients.
Quality	Industrial grade: Total nitrogen (dry basis) >=13.0%; Amino nitrogen (dry basis) >=2.0%; Ash (dry basis) <=10.0%; Moisture <=6.0%; Transparency (2% solution): slightly turbid Biochemical grade: Total nitrogen (dry basis) >=13.5%; Amino nitrogen (dry basis) >=2.0%; Ash (dry basis) <=10.0%; Moisture <=6.0%; Transparency (2% solution): clear Trial grade: Total nitrogen (dry basis) >=13.5%; Amino nitrogen (dry basis) >=2.5%; Ash (dry basis) <=10.0%; Moisture <=6.0%; Phosphate precipitation test: clear; Transparency (2% solution): clear
Usage	Use as a culture-medium ingredient; dissolve completely and sterilize before use.

Usage and Packaging

Package	250 g/bottle; 1 kg; 25 kg