Creative Enzymes®

Trypticase Peptone, Trial Grade

Cat. No. CEGZ-6435

Lot. No. (See product label)

Introduction

Description	A tryptic digest of casein prepared by enzymatic digestion, neutralization, filtration, concentration and drying to yield a pale powder rich in a broad range of amino acids, including relatively high tryptophan.
Applications	Nutrient source for complex microbial media used in biopharmaceutical and fermentation processes, including strain cultivation, isolation and identification.

Product Information

Source	Milk-derived casein
Appearance	Powder; pale yellow to brown; no caking; characteristic odor; free of visible foreign matter.
Form	Powder
pH Stability	2% aqueous solution: 5.0-8.0
Composition	Tryptic digest of casein containing peptides and amino acids with relatively high tryptophan content.
Quality	Biochemical grade: Total nitrogen (dry basis) >=12.0%; Amino nitrogen (dry basis) >=2.5%; Ash (dry basis) <=10.0%; Moisture <=6.0%; Transparency (2% solution): slightly turbid Trial grade: Total nitrogen (dry basis) >=12.0%; Amino nitrogen (dry basis) >=3.0%; Ash (dry basis) <=10.0%; Moisture <=6.0%; 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; 30 kg