

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) $\geq 12.0\%$; Amino nitrogen (dry basis) $\geq 2.5\%$; Ash (dry basis) $\leq 10.0\%$; Moisture $\leq 6.0\%$; Transparency (2% solution): slightly turbid Trial grade: Total nitrogen (dry basis) $\geq 12.0\%$; Amino nitrogen (dry basis) $\geq 3.0\%$; Ash (dry basis) $\leq 10.0\%$; Moisture $\leq 6.0\%$; 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