

Casein Peptone, Trial Grade

Cat. No. CEGZ-6434

Lot. No. (See product label)

Introduction

Description

A pancreatic digest of milk casein supplied as a nutrient-rich peptone for microbiological and fermentation culture media, with a broad peptide-size distribution and relatively high amino nitrogen content.

Applications

Sterility testing and nutrient supplementation of fermentation or culture media used for antibiotics, cellular protein products, interferon-related processes and vaccine-related cultivation.

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

Pancreatic digest of milk casein containing peptides and amino acids.

Quality

Biochemical grade: Total nitrogen (dry basis) $\geq 8.0\%$; Amino nitrogen (dry basis) $\geq 2.5\%$; Ash (dry basis) $\leq 10.0\%$; Moisture $\leq 6.0\%$ Trial grade: Total nitrogen (dry basis) $\geq 12.0\%$; Amino nitrogen (dry basis) $\geq 3.0\%$; Ash (dry basis) $\leq 10.0\%$; Chloride $\leq 2.5\%$; Moisture $\leq 6.0\%$; 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; 30 kg