Creative Enzymes®

Casein Peptone, BR Grade

Cat. No. CEGZ-6442

Lot. No. (See product label)

Introduction

Description	A pancreatic digest of milk casein provided as a nutrient-rich peptone for microbiological and fermentation media, with a broad distribution of peptides and relatively high amino nitrogen.
Applications	Sterility testing and nutrient supplementation in fermentation processes for antibiotics, cellular protein products, interferon-related processes and vaccine-related culture.

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) >=8.0%; Amino nitrogen (dry basis) >=2.5%; Ash (dry basis) <=10.0%; Moisture <=6.0% Trial grade: Total nitrogen (dry basis) >=12.0%; Amino nitrogen (dry basis) >=3.0%; Ash (dry basis) <=10.0%; Chloride <=2.5%; 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