Creative Enzymes®

Soya Peptone, Industrial Grade

Cat. No. CEGZ-6440

Lot. No. (See product label)

Introduction

Description	A plant-derived peptone produced from high-quality soybean protein by enzymatic hydrolysis and refining, yielding a powder rich in peptides, amino acids, vitamins and other nutrients.
Applications	Microbial cultivation including Streptococcus, pneumococci and Brucella, and industrial fermentation for antibiotics, vitamins, amino acids, organic acids and enzyme preparations.

Product Information

Source	Soybean protein
Appearance	Powder; pale yellow to brown; no caking; characteristic odor; free of visible foreign matter.
Form	Powder
pH Stability	Industrial/biochemical grades, 2% aqueous solution: 4.5-7.0; Trial grade: 6.8-7.2
Composition	Enzymatically hydrolyzed soybean protein containing peptides, amino acids and vitamins.
Quality	Industrial grade: Total nitrogen (dry basis) >=8.0%; Amino nitrogen (dry basis) >=2.0%; Ash (dry basis) <=17.0%; Moisture <=7.0%; Transparency (2% solution): slightly turbid Biochemical grade: Total nitrogen (dry basis) >=8.0%; Amino nitrogen (dry basis) >=2.0%; Ash (dry basis) <=17.0%; Moisture <=7.0%; Transparency (2% solution): clear Trial grade: Total nitrogen (dry basis) >=8.0%; Amino nitrogen (dry basis) >=2.0%; Ash (dry basis) <=17.0%; Moisture <=7.0%; Phosphate precipitation test: 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