Creative Enzymes®

# Casein Peptone, Trial Grade

*Cat. No. CEGZ-6434*

*Lot. No.* (See product label)

## Introduction

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| ***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

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| ***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

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| ***Package*** | 250 g/bottle; 1 kg; 30 kg |