

Yeast Extract Powder, Industrial Grade

Cat. No. CEGZ-6439

Lot. No. (See product label)

Introduction

Description

A powdered yeast extract produced from fresh brewer or baker yeast through autolysis or enzymatic hydrolysis, separation, concentration and drying to provide a soluble nutrient mixture rich in amino acids, peptides and other yeast-derived factors.

Applications

Industrial fermentation for biopharmaceuticals, amino acids, vitamins, organic acids, enzyme preparations, probiotic processes, biopesticides and microbial preparations.

Product Information

Source

Fresh brewer's yeast or baker's yeast

Appearance

Powder; pale yellow to yellow-brown; no caking; characteristic yeast-extract odor; free of visible foreign matter.

Form

Powder

pH Stability

2% aqueous solution: 4.5-7.5

Composition

Yeast-derived peptides, amino acids and other water-soluble nutritional components.

Quality

Industrial grade: Total nitrogen (dry basis) $\geq 7.5\%$; Amino nitrogen (dry basis) $\geq 2.5\%$; Ash (dry basis) $\leq 15.0\%$; Moisture $\leq 6.0\%$; Transparency (2% solution): slightly turbid Biochemical grade: Total nitrogen (dry basis) $\geq 7.5\%$; Amino nitrogen (dry basis) $\geq 3.0\%$; Ash (dry basis) $\leq 15.0\%$; Moisture $\leq 6.0\%$; Transparency (2% solution): clear Trial grade: Total nitrogen (dry basis) $\geq 7.5\%$; Amino nitrogen (dry basis) $\geq 3.5\%$; Ash (dry basis) $\leq 15.0\%$; Moisture $\leq 6.0\%$; 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