Creative Enzymes®

TPY Broth

Cat. No. EXTZ-729

Lot. No. (See product label)

Introduction

Description

Each liter of TPY Broth contains 10.0 g casein hydrolysate, 5.0 g plant peptone, 2.0 g yeast extract, 5.0 g glucose, 2.0 g dipotassium hydrogen phosphate ($K_2HPO_4 \cdot 7H_2O$), 0.5 g magnesium chloride ($MgCl_2 \cdot 6H_2O$), 0.25 g zinc sulfate ($ZnSO_4 \cdot 7H_2O$), 0.15 g calcium chloride ($CaCl_2$), 0.0001 g ferric chloride ($FeCl_3$), 0.5 g L-cysteine hydrochloride, and 1 mL Tween-80; the final pH is adjusted to 6.5 ± 0.2.

Applications

Cultivation of Bifidobacterium for Fructose-6-Phosphate Phosphoketolase (F6PPK) Assay Directions: Weigh 26.4 g of this powder, add 1 L of distilled or deionized water, stir and heat to boiling until completely dissolved. Dispense into Erlenmeyer flasks, autoclave at 121 °C for 15 min, and store for later use.

Product Information

Form

Powder

Storage and Shipping Information

Storage

Store in a dark and dry place. Tighten the bottle cap immediately after use. Shelf life: 3 years.