

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 ($\text{K}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$), 0.5 g magnesium chloride ($\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$), 0.25 g zinc sulfate ($\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$), 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.