

Certificate of Analysis

Product: PEPTONE-Y
Catalog No.: 4018-5X2
Lot No.: 8673

PEPTONE-Y, Molecular Biology Certified Growth of Common Yeast Strains.

Catalog No.	and Size:	4018-522	454	g	(1.0	lb)
4018-532	1.0	kg		(2.2		lb)
4018-542	5.0	kg		(11.0		lb)
4018-552	15	kg		(33.0		lb)

Formulation and Molecular Biological Specifications of Components

A formulation of enzymatically digested animal proteins optimized for vigorous growth of common yeast strains used in molecular biology.

Reference: Difco Manual, 10th Edition, P653-655, 1984.

Recommended Use:

Peptone-Y is an enzymatic digest of animal protein. Selected for optimum growth of common yeast strains. Add 20g per liter to purified water.

Storage:

Store Peptone-Y powder at ambient temperature (15-30C). Powdered media is hygroscopic, therefore minimize exposure to air to prolong storage of powder. Store sterile medium at 4C.

Shelf Life:

Storage life in closed container: 4 years.

Quality Assurance Information

All MP Biomedicals products are thoroughly tested to ensure reliable results in the laboratory. The following paragraphs describe the preparation and quality control procedures.

Media

Preparation:

Reagents are tested and chosen for their ability to promote optimum growth of *Yeast Strains*. Chosen reagents are combined in the proper proportions according to the formulation listed above and thoroughly blended for a uniform distribution. A sample of the blended formulation was used to prepare liquid medium by adding 20g powder per liter of purified water. The combinations were mixed by hand for about 1 minute to dissolve and autoclaved at 121C for 15 minutes.

Quality

Control

Assay:

Peptone-Y liquid solution was visually inspected after autoclaving for complete dissolution of components. pH of the media was tested to insure proper specification was attained. Acceptable pH range equals 6.7 ± 0.3

Results

of

Quality

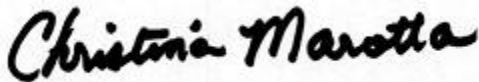
Control

Assay:

Peptone-Y liquid solution was determined to be clear and particulate free. The pH of solution was found to be 7.0

Conclusions:

This lot of PEPTONE-Y is approved for product sales.



06/25/2012 - Christina Marotta
QBioGene/MP Biomedicals, LLC
Technical Director

MSDS available online at www.mpbio.com