

Polysorbate 80

Intended Use

A Supplement used as a neutralizing agent.

Principle

Polysorbate 80 supports rapid bacterial growth and is hence used as a supplement in the preparation of culture media.

Storage and Stability

Store Polysorbate 80 Supplement at 2°C-8°C in its original packaging. In such conditions Polysorbate 80 Supplement maintains its validity until the expiry date indicated on the label. Do not use beyond that date. Eliminate without using if there are signs of deterioration.

Directions

1. Refer to the specific instructions for the medium concerned on the quantity of Polysorbate 80 Supplement that should be added to it, before sterilization.
2. Mix with care.
3. Distribute into the final containers and sterilize in autoclave as indicated in the specific instructions for the medium.

Quality Control

Organism (ATCC)

Candida albicans 3147 (10231)

Growth

Smaller zone of inhibition of growth compared to Tryptone Soya agar without supplement Tween 80

Escherichia coli (8739)

Smaller zone of inhibition of growth compared to Tryptone Soya agar without supplement Tween 80

Staphylococcus aureus subsp. *aureus* (6538)

Smaller zone of inhibition of growth compared to Tryptone Soya agar without supplement Tween 80

Pseudomonas aeruginosa (9027)

Smaller zone of inhibition of growth compared to Tryptone Soya agar without supplement Tween 80

Remarks

The product Polysorbate 80 Supplement is not classified as dangerous under current legislation. Polysorbate 80 Supplement is a growth supplement to be used only for in vitro diagnostic use, it is intended for use in a professional environment and must be used in the laboratory by properly trained personnel, using approved asepsis and safety methods for handling pathogenic agents.

Warranty

This product is designed to perform as described on the label and package insert. The manufacturer disclaims any implied warranty of use and sale for any other purpose.

References

1. De Man, J.C., M. Rogosa, and M.E. Sharpe (1960). J. App. Bact. 23:130-135.
2. ISO/FDIS 15214 (1998) Microbiology of food and animal feeding stuffs-Horizontal method for the enumeration of mesophilic lactic acid bacteria-colony count technique.
3. Briggs, M. (1953) J. Dairy Res. 20: 36.
4. Data on file: Microxpress®, A division of Tulip Diagnostics (P) Ltd.

Product Presentation:

Cat No.
204160700500

Product description
Media selective Supplement

Pack Size
500 mL

 Temperature limit	 Manufacturer	 LOT	Batch code	 Contains sufficient for <n> tests	 This way up
REF	Catalogue Number	 Consult Instructions for use	 Use-by date	 Date of Manufacture	Media Supplements Dehydrated Culture Media Supplements for Microbiological applications

Revision: 1125/VER-03

Disclaimer

Information provided is based on our inhouse technical data on file, it is recommended that user should validate at his end for suitable use of the product.