

## 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)

*Escherichia coli* (8739)

*Staphylococcus aureus* subsp. *aureus* (6538)

*Pseudomonas aeruginosa* (9027)

#### Growth

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

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### 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

**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.

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