

7992 Tween 80, 100ml

Intended Use

Tween 80, 100ml is a nonionic surfactant solution used as a supplement in various culture media in a laboratory setting. The name Polysorbate 80 is synonymous for Tween 80. Tween 80, 100ml is not intended for use in the diagnosis of disease or other conditions in humans.

Principles of the Procedure

Tween 80, 100ml is a nonionic surfactant derived from sorbitan esters. It is used as an emulsifier and dispersing agent when included in various culture media formulas and serves to emulsify and disperse hydrophobic medium components. It will also act as a surfactant for samples from surface swabs, for food samples, cosmetics which have high fat content or hydrophobic content. It may be included as a component of a dehydrated culture medium i.e 7375 D/E Neutralizing Agar, or it may be added as a supplement to a medium base without Tween.

For use in:

7562 D/E Neutralizing Broth: used for testing and neutralizing of antiseptics and disinfectants. Use Tween 80 at 5 g/L of the medium formula.

7118 Lethen Agar Base: used with Tween 80 (Polysorbate 80) for the testing of quaternary ammonium compounds for antimicrobial activity. Use 7ml Tween 80 per liter of the medium formula

7495 Lethen Agar Base, Modified: used with Tween 80 (Polysorbate 80) for the isolation of microorganisms from cosmetics. Use 7ml Tween 80 per liter of the medium formula

7105 Lethen Broth Base: used with Tween 80 (Polysorbate 80) for the testing of quaternary ammonium compounds for antimicrobial activity. Use 7ml Tween 80 per liter of the medium formula

7496 Lethen Broth Base, Modified: used with Tween 80 (Polysorbate 80) for the recovery of microorganisms from cosmetics. Use Tween 80 at 5g/L of the medium formula.

Formula:

Polysorbate 80 (Tween 80)100ml

Precaution

1. For laboratory use only.

Directions

1. Follow the base media instructions for the preparation of the culture medium.
2. Add the correct amount of Tween 80 as indicated by the preparation instructions for the medium and sterilize as recommended.

Quality Control Specifications

Appearance: Tween 80, 100ml is a light to medium amber viscous liquid. The specific density of Tween 80 is slightly higher than that of water so the equivalence for Tween 80 in grams to milliliter is 1.1 (i.e. 5 grams is equivalent to 5.5ml).

Reconstitution Procedure

Tween 80, 100ml is ready to use.



Storage

Store sealed bottle containing the product at 15-30°C. If opened and not completely utilized, be certain that aseptic dispensing procedures are followed to maintain sterility of the supplement. Protect from contamination by keeping container tightly closed.

Expiration

Refer to expiration date stamped on the container. The supplement should be discarded if not sterile, or if appearance has changed from the original color. Expiry applies to supplement in its intact container when stored as directed.

Limitations of the Procedure

Refer to the product SDS for handling and disposal of this supplement.

With oxidation (exposure to air) or light exposure, the product may darken in color. This does not impact the efficacy of the product.

Packaging

Tween 80, 100ml

Code No.	7992	100ml
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Technical Information

Contact Acumedia Manufacturers, Inc. for Technical Service or questions involving dehydrated culture media preparation or performance at (517)372-9200 or fax us at (517)372-2006.