



## 1% Tween 80

LQ526D

### Intended Use:

Recommended as a surfactant and emulsifier.

### Composition\*\*

| Ingredients               | Gms / Litre |
|---------------------------|-------------|
| Polysorbate 80 (Tween 80) | 10.000      |
| Final pH ( at 25°C)       | 7.3±0.2     |

\*\*Formula adjusted, standardized to suit performance parameters

### Directions

Label the ready to use LQ526D bottle. Incubate at specified temperature and time.

### Principle And Interpretation

Tween 80 is a widely used non-ionic emulsifier that is added to cosmetics, pharmaceuticals, and foods. Polysorbate 80 (Tween 80) are neutralizers reported to inactivate residual disinfectants from where the sample is collected. Collection of samples from areas before and after the treatment with disinfectant evaluates cleaning procedures in environmental sanitation. Tween 80 is a non-ionic surfactant that is widely used as an emulsifier

### Type of specimen

Environmental samples

### Specimen Collection and Handling

For Environmental samples follow appropriate techniques for handling specimens as per established guidelines (1,2). After use, contaminated materials must be sterilized by autoclaving before discarding.

### Warning and Precautions

Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling specimens. Safety guidelines may be referred in individual safety data sheets.

### Limitations

NA

### Performance and Evaluation

Performance of the medium is expected when used as per the direction on the label within the expiry period when stored at recommended temperature.

### Quality Control

#### Appearance

Sterile 1% Tween 80 in a glass bottle.

#### Colour

Yellow clear viscous solution.

#### Quantity of Medium

500ml of medium in glass bottle.

#### Sterility test

Passes release criteria

### Storage and Shelf Life

On receipt store between 15-25°C. Use before expiry date on the label Product performance is best if used within stated expiry period.

## Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with sample must be decontaminated and disposed of in accordance with current laboratory techniques (1,2).

## Reference

1. Isenberg, H.D. Clinical Microbiology Procedures Handbook 2nd Edition.
2. Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock., D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1.

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### Disclaimer :

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