

Sterile Glycerol, 40%

LQ263C

Intended Use:

Recommended for preservation of cultures.

Composition**

Ingredients	g / L
Glycerol	400.00

**Formula adjusted, standardized to suit performance parameters

Directions

Label the ready to use LQ263C bottle as per requirement and store at specified time.

Principle And Interpretation

Glycerol ensures high cell density and viability. It is recommended for maintenance of cultures serving as a cryopreservant. It plays a major role as an anti freezing agent. It finds wide application in food as sweetener, solvent and preservative. It has wide applications in pharmaceutical and cosmetic industry.

Type of specimen

Isolated Microorganism

Specimen Collection and Handling

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 40% Glycerol in glass bottle.

Colour

Colourless clear solution

Quantity of medium

100ml solution in glass bottle

Sterility Check

Passes release criteria

Storage and Shelf Life

On receipt store between 15-30°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).

References

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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