Technical Data

Sterile BLM Liquid (Filter sterilized, γ-Irradiated)

FD315G

Recommended as a innovative enzyme based product that can efficiently inactivate wide range of antibiotics like Penicillins, Cephalosporins of first, second, third and fourth generation and Penems.

Composition

per vial contains 1 ml of-

***Ingredients**

Penicillinase	50 IU of activity/ vial
Cephalosporinase	5 IU of activity/ vial

1 IU is defined as the amount of enzyme needed to hydrolyze 1µmole of Penicillin G (Penicillinase) or 1µmole of Cephalosporin C (Cephalosporinase) per minute at 25ºC and pH 7.0.

1 IU of Penicillinase corresponds to 600 Levy Units or 75 Pollock Units.

Directions:

Sterile BLM Liquid is an optimized ready to use solution that can be directly added to the test samples. The amount of product to be added to the test sample should be determined and set-up depending on the application, concentration of antibiotic to be inactivated, and depending on the specific beta-lactam that should be inactivated.
Aseptic techniques are to be followed throughout the procedure

Type of specimen

Pharmaceutical samples

Specimen Collection and Handling

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

Warning & Precautions

For professional use only. 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 clinical specimens. Safety guidelines may be referred in individual safety data sheets.

Storage and Shelf Life

Store at 2 - 8°C. Use before expiry date on the label.

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 clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques (1,2).

Reference

1. Isenberg (Ed.),2004, Clinical Microbiology Procedures Handbook, Vol.3, American Society for Microbiology, Washington. D.C.
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.

*** Not For Medicinal Use**

Revision : 02/2025