Sterile Beta Lactamase I Concentrate

Sterile Beta Lactamase I Concentrate is a highly purified enzyme based product specifically designed for inactivation of Penicillins.

Composition:
(per vial contains 100 ml of)

<table>
<thead>
<tr>
<th>*Ingredients</th>
<th>Potency¹</th>
<th>Inactivation of Penicillin G²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penicillinase</td>
<td>20,000 Levy units/ml/min</td>
<td>10,000,000 IU/ml/min</td>
</tr>
</tbody>
</table>

1. Levy Unit (LU): amount of penicillinase that inactivates 59.3 IU (International Units) of Sodium Penicillin G per minute at 25°C and pH 7.0
2. Not all penicillins are comparable to Penicillin G in regards to their inactivation by penicillinase. Some may require as much as 20 times more penicillinase than does Penicillin G

Directions:
Beta Lactamase I concentrate is a ready to use solution that can be directly added to test samples (for inactivation of beta-lactams from blood or tissue sample prior to routine microbiological examination) or can be used in media preparation (for either environmental monitoring or antibiotic sterility testing). The amount of product to be added should be determined after considering the application and the antibiotic and its concentration to be inactivated. Aseptic conditions are always to be maintained while handling the product.

Storage and Shelf life:
Product should be stored at 2 - 8°C. Use before expiry date on the label.

* Not for medicinal use

Disclaimer:
User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.