

91274 Penicillinase Concentrate (β -Lactamase I concentrate)

Highly purified beta-Lactamase concentrate as a culture media supplement for deactivation of antibiotics in microbial samples.

Composition:

(100 ml per vial)

Penicillinase

Inactivation of Penicillin G* 10,000,000 IU/mL/min

*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.

Potency** 20,000 Levy units/ml/min

**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

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.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

