



Dehydrated Culture Media  
Bases / Media Supplements

## Technical Information

### Beta Lactamase Mixture Supplement w/ 2K IU of Cephalosporinase and 20K IU of Penicillinase

**Product Code: MS2289**

**Application:** An 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)

##### Ingredients

Cephalosporinase	> 2000 IU activity
Penicillinase	>20000 IU activity

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

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

#### Directions

Rehydrate the contents of 1 vial with 20 ml of distilled water. After reconstitution, filter sterilize the solution with 0.2 micron syringe filter. Add appropriate amount of solution depending on the application. Remaining sterilized solution can be stored at 2-8°C for 4 weeks

#### Disclaimer

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at CDH is true and accurate.
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