100 mg/ml Ampicillin Stock Solution

Instructions

1. Weigh 1 g of Ampicillin (Ampicillin (Sodium), GoldBio Catalog # A-301 [CAS 69-52-3, mw. = 371.4]).

2. Add 10 ml of sterile H₂O. Dissolve completely.

3. Prewet a 0.22 µm syringe filter by drawing through 5-10 ml of sterile H₂O and discard water.

4. Sterilize Ampicillin Stock through the prepared 0.22 µm syringe filter.

5. Stock may be kept at -80°C for 1 year.

Note: Ampicillin solutions degrade 13% after one week at -20°C.