

## 100 mg/ml Ampicillin Stock Solution

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 H<sub>2</sub>O. Dissolve completely.
3. Prewet a 0.22 µm syringe filter by drawing through 5-10 ml of sterile H<sub>2</sub>O and discard water.
4. Sterilize Ampicillin Stock through the prepared 0.22 µm syringe filter.
5. Stock may be kept at -20°C for 1 year.