

### **50 mg/ml Kanamycin Stock Solution**

1. Weigh 0.5 g of Kanamycin ([Kanamycin \(Monosulfate\), GoldBio Catalog # K-120](#) [CAS 25389-94-0, mw. = 582.6]).
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 Kanamycin Stock through the prepared 0.22 µm syringe filter.
5. Stock may be kept at -20°C for 1 year.