

Stock Solution



TD-S Revision 2.0

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5 – 10 mg/ml Tetracycline Stock Solution

Instructions

1. Weigh 0.05-0.1 g of tetracycline ([Tetracycline Hydrochloride GoldBio Catalog # T-101](#), [CAS 64-75-5, mw. = 480.9 g/mol]).
2. Add 10 ml of sterile H₂O (tetracycline **hydrochloride** has a different solubility than tetracycline). Dissolve completely.
3. Prewet a 0.22 µm syringe filter by drawing through 5-10 ml of sterile H₂O and discard water.
4. Sterilize tetracycline stock through the prepared 0.22 µm syringe filter.
5. Stock may be kept at -20°C for 1 year.