

Stock Solution



TD-S Revision 2.0

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20 mg/ml X-Gal Stock Solution

Instructions

1. Weigh 200 mg of X-Gal ([X-Gal, GoldBio Catalog # X4281](#), [CAS 7240-90-6, mw. = 408.63 g/mol]) into a 15 ml polypropylene centrifuge tube.
2. Add 10 mL of Dimethylformamide (DMF). Vortex to dissolve the X-Gal.
3. Store at -20°C. Wrap the centrifuge tube in aluminum foil to protect from light.

Note: The X-Gal solution is stable for 6-12 months unless improperly handled. We recommend making 1 ml aliquot portions of the solution to minimize degradation if there will be frequent small scale use of the X-Gal solution.