

## 20 mg/ml X-Gal Stock Solution

- Dissolve 200 mg of X-Gal in 10 mL Dimethylformamide (DMF). Vortex to dissolve the X-Gal.
  - Sterilize IPTG Stock through the prepared 0.22  $\mu$ m syringe filter.
  - Store at -20°C and 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.