

IPTG – 100mM (100X) Stock Solution

Instructions

1. Weigh 0.238 g of IPTG (IPTG, Aladdin Catalog # [I274316](#), [I104812](#) [CAS 367-93-1, mw. = 238.3g/mol]).
2. Add 10 ml sterile H₂O. Dissolve completely.
3. Prewet a 0.22 µm syringe filter by drawing through 5-10 ml of sterile H₂O and discard water.
4. Sterilize IPTG Stock through the prepared 0.22 µm syringe filter.
5. Store in 1 ml aliquots at -20°C for up to 1 year.