

Preparation of Indole-3-Acetic Acid (IAA) Stock Solution (10 mg/mL)

1. Add 1.0 g of [Indole-3-acetic acid \(GoldBio Catalog # I-110\)](#) to a 100 mL flask or beaker.
2. Add 2.0-5.0 mL of Ethyl Alcohol (EtOH) or 1N NaOH to dissolve the powder. Bring volume to 100 mL with molecular biology grade water.
3. If necessary agitate the solution to dissolve the IAA.
4. Sterilize by autoclaving or filtering through a 0.2 micron filter.
5. Store aliquots of the IAA at -20°C.

Note: The final concentration of the stock solution is 10 mg/ml. However, the concentration used in the experiment may be dependent upon the media used in the experiment. The typical final experimental concentration can vary widely and can range from 0.01 mg/ml to 3.0 mg/ml.