

Procedure 2: To prepare 100ml 5M NaOH.

Materials and Equipment:

Glass storage bottle
Graduated cylinder
Magnetic Stirrer and flea
Balance and Weighing boat
Gloves
Safety glasses

Note: The dissolution of sodium hydroxide in water is a highly exothermic reaction, stirring should commence immediately upon addition of the water to avoid localised hot-spots in the container.

Procedure:

1. Record component batch number(s), if appropriate.
2. Dissolve 20.0g of NaOH pellets in 80ml of deionised water in a beaker.
3. When cooled, bring the final volume to 100ml.
4. Transfer the solution to a glass bottle and label your reagent.