

Preparation

Before starting work in a laboratory, you have to understand the different safety rules that you must follow at all times.

Preparation

Wear a lab coat or apron, closed-toe shoes, gloves. No phone use or internet or anything similar while working. No drinking or eating. Don't go outside during an experiment. Don't go around a person who is performing an experiment. Don't go around a person who is performing an experiment. Don't go around a person who is performing an experiment.

Preparation

The first step in the process of preparing a solution is to determine the amount of solute and solvent to be used. This is done by calculating the molar concentration of the solution and the volume of the solution to be prepared.

Preparation

Always use the correct units when measuring and recording. Double-check the units and the values before starting the experiment.

Preparation of a solution of a given concentration

The first step in the process of preparing a solution of a given concentration is to determine the amount of solute and solvent to be used. This is done by calculating the molar concentration of the solution and the volume of the solution to be prepared.

The second step is to weigh the solute and transfer it to a clean container. The third step is to add the solvent and mix the solution thoroughly.

Preparation of a solution of a given concentration



Flask



Graduated cylinder



Beaker



Timing



Test tubes



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Preparation of a solution of a given concentration



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