## Acid Neutralization Lab

## Purpose:

- To find the molarity of a Hydrochloric Acid Solution by using the properties of neutralization.


## Procedures:

- Using the plastic container, water, and the baking soda. Make a 1 molar solution of NaHCO 3 .
- Mix in the universal indicator into the HCl acid solution.
- Record your observations
- Using the Pipette, extract small amounts of the NaHCO solution and transfer it to the HCl solution.
- Record observations and amount of NaHCO 3 solution that was added to the acid solution.
- Repeat until Acid Solution is neutralized.


## Conclusion and Analysis

- For the analysis, calculate the molarity of the HCl acid using the following formula.

- Write a conclusion about your findings and what you learned about acids and bases from completing the Lab.

