Standard Solution Lab

Problems:

1. How can you make 125 ml of a Standard solution of NaHCO3(baking soda)?
2. How can you check the pH of 50 ml of your Standard solution when you add 50 ml of acid and when you add 1 scoop of Calcium Carbonate?

Material: beakers, acid, NaHCO3, aspirin (1 tablet), UI, water.

Data:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | pH | pH after 50 ml of Acid | pH after Ca2 CO3 | Mass |
| NaHCO3 |  |  |  |  |
| Observations |  |  |  | x |

Conclusion: ?’s from notes.