**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Stoichiometric Determination of Carbon Dioxide Produced from Alka Seltzer**® **Data Table**

Neatly record all of your data/observations from this experiment below. Be sure to include correct units with your data.

|  |  |  |
| --- | --- | --- |
| Data | Trial 1 | Trial 2 |
| Amount of Sodium Bicarbonate in one dose (2 tablets) of Alka Seltzer® (taken from side of box) |  |
| Amount of Citric Acid in one dose (2 tablets) of Alka Seltzer® (taken from side of box) |  |  |
| Mass of Beaker and DI Water |  |  |
| Mass of 2 Tablets of Alka Seltzer® |  |  |
| Initial Temperature |  |  |
| Final Temperature |  |  |
| Initial pH |  |  |
| Final pH |  |  |
| Mass of Beaker, DI, Water and 2 Tablets (initial) |  |  |
| Mass of Beaker, DI Water, and 2 Tablets (final) |  |  |
| Amount of Carbon Dioxide ProducedHINT: This is the change in mass of beaker and contents (Initial-Final) |  |  |