**Lab Report 3: Bomb Calorimeter**

**Lab time:**

**Group member names:**

**1. Table of result**

|  |  |  |  |
| --- | --- | --- | --- |
| Substance | Measured (kJ/g) | Published (kJ/g) | Error % |
| Carbon |  |  |  |
| Gasoline |  |  |  |
| Food Item |  |  |  |

**2. Session comparison:** Calculate the mean and standard deviation of the q values of your session.

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Carbon |  |  |
| Gasoline |  |  |

**3. Comparison/Discussion of q values:** In addition to your measured q value and the published q value, you should compare your results to the results to the mean and standard deviation calculated above.