|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Vial #*** | ***Mass of Vial with cap(g)*** | ***Mass of vial with cap  & KNO3 (g)*** | ***Mass of vial with cap & KNO3  & H2O (g)*** | ***Calculated  Mass of KNO3 (g)*** | ***Calculated Mass of H2O (g)*** | ***Solubility (g)KNO3/100g H2O  Graph Y*** | ***Temperature. Trial #1 (°C)*** | ***Temperature Trial #2 (°C)*** | ***Average Temperature (°C )  Graph X*** |
| **1** |  |  |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |  |  |
| **UN-KNOWN** | **Unknown Number**  ­­­­­­­ | | | **Unknown Solubility Use Correct Sig. Figs.** | | |  |  |  |