**Experiment 2**

Data Sheet

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Section: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
|  | ddH2O | ddH2O + NaCl | ddH2O + PG |
| Mass of Erlenmeyer (EM) | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g |
| Mass of EM and ddH2O | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g |
| Mass of ddH2O | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g |
| Mass of EM and ddH2O and additive |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g |
| Mass of additive |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g | \_\_\_\_\_\_\_\_\_\_\_\_\_\_g |
| Temperature of boiling point (ºC) | \_\_\_\_\_\_\_\_\_\_\_\_\_ºC | \_\_\_\_\_\_\_\_\_\_\_\_\_ºC | \_\_\_\_\_\_\_\_\_\_\_\_\_ºC |

Calculation of molalities:

Calculation of enthalpy of vaporization: