***Use excess significant figures at all times unless asked to round.***

**Molar mass CaCl2 = 110.983099 g/mol**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Solvent Mass (g)** | **Solute Mass (g)** | **Solute  moles** | **Concentration (molality)** | **Kf x m** | **Tf**  **Trial 1** | **Tf**  **Trial 2** | **Average Tf** | **ΔTf** |
| **Tap Water** |  |  |  |  | 0.00 |  |  |  | 0.0°C |
| **Solution 1** |  |  |  |  |  |  |  |  |  |
| **Solution 2** |  |  |  |  |  |  |  |  |  |
| **Solution 3** |  |  |  |  |  |  |  |  |  |
| **Solution 4** |  |  |  |  |  |  |  |  |  |
| **Solution 5** |  |  |  |  |  |  |  |  |  |
| **Solution 6** |  |  |  |  |  |  |  |  |  |