

Measuring Enthalpy changes in solution

Pre-lesson assignment – p352-357

Define/revise the following terms

- Standard enthalpy change of solution
- Enthalpy change of hydration

Make notes on measuring enthalpy changes in solution

1. Write out a practical procedure that could be used to determine the enthalpy change of solution.
2. What is the resolution of the thermometer used in the example? To what precision should results be recorded?
3. What are the steps used to calculate $\Delta_{\text{sol}}H^\ominus$?