

<b>Title Page</b>  Include the following information in the order given: <ul style="list-style-type: none"><li>• descriptive title</li><li>• course # and section #</li><li>• author's name</li><li>• partner's name</li><li>• date(s) performed</li></ul>
<b>Abstract</b>  <ul style="list-style-type: none"><li>• identify the sample or reaction being analyzed</li><li>• state what is being determined</li><li>• identify the analytical method(s) used</li><li>• summarize the results</li></ul>
<b>Procedure</b>  <ul style="list-style-type: none"><li>• Sufficient detail and clarity for someone else to repeat the experiment and results.</li></ul>
<b>Data &amp; Results</b>  <ul style="list-style-type: none"><li>• Table 1 – Solution Preparation</li><li>• Table 2 – Solubility Data and Results</li><li>• Figure 1 – Solubility curve for KCl (see last 2 columns of Table 2)</li></ul>
<b>Discussion</b>  <ul style="list-style-type: none"><li>• Discuss sources of error in the solubility of KCl.</li><li>• Discuss why the solubility of KCl <i>increases</i> as temperature is increased.</li><li>• Discuss why the solubility of NH<sub>3</sub> <i>decreases</i> as temperature is increased.</li></ul>
<b>Calculations</b>  <ul style="list-style-type: none"><li>• Calculate the solubility of Mixture #1, reported in Table 2.</li></ul>
<b>Overall Format</b>  <ul style="list-style-type: none"><li>• Same as before</li></ul>