### Evaluation Sheet
Return of the White Lab

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety information</td>
<td>• Chemicals involved and safety handling precautions. This information can be obtained from an online MSDS. (<a href="http://www.flinsci.com">www.flinsci.com</a> is my favorite site for MSDS, although you may have to look elsewhere for some of these chemicals.)</td>
<td>5 pts</td>
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</table>
| Procedure            | • Explain what you did to obtain the data.  
• This should be written clearly enough so that any high school chemistry student could read your procedure and repeat exactly what you did – hopefully getting the same results you did. | 40 pts |
| Data                 | • Create data table(s) on your lab report showing your data from lab. Data needs to be recorded accurately and clearly. Include ALL original masses (what the balance said every time), all original volumes and any necessary calculated masses. Lack of attention to sig. figs will result in zero points. | 10 pts |
| Claim                | • Claim answers the question(s) in the lab.  
• Claim is derived from the observations.  
• Claim is concise (one sentence or less for each question – DO NOT EXPLAIN YOURSELF HERE!). | 10 pts |
| Evidence             | • Comes from observation.  
• Logically supports the claim with written explanations and sample calculations.  
• Sample calculations are clearly labeled & easy to understand.  
• Results from all trials are in a clearly labeled, easy to understand results table.  
• Does your percent yield from the White Lab have any effect on your claim? Explain  
• Lack of attention to sig. figs will result in serious point reduction! | 20 pts |
| Reflection           | • How confident are you in your results? Would you be comfortable convicting someone on the basis of your lab work?  
• What did you learn?  
• If you had the chance to do this lab over, how would you improve on your results? | 5 pts  |
| Writing              | • Correct spelling and complete sentences.  
• Ideas are presented in such a way that the reader can easily understand them. | 10 pts |

Total: 100 points