

## Investigation 5B – The Enthalpy of Combustion of Magnesium

### Lab Evaluation Guidelines:

<b>Introduction</b> <ul style="list-style-type: none"> <li>- Background theory and information</li> <li>- Purpose and hypothesis</li> </ul>	0 1 2 3 4 5 6
<b>Materials</b> <ul style="list-style-type: none"> <li>- Separate lists for chemicals and equipment</li> <li>- Labelled schematic diagram</li> </ul>	0 1
<b>Procedure</b> <ul style="list-style-type: none"> <li>- In past tense and paragraph form</li> </ul>	0 1 2
<b>Observations/Results</b> <ul style="list-style-type: none"> <li>- Measured and known values in table</li> <li>- Calculated values in another table</li> </ul>	0 1 2
<b>Discussion</b> <ul style="list-style-type: none"> <li>- Calculations for <math>\Delta T</math>, Q, mol, <math>\Delta H</math> and Hess's Law</li> <li>- Percent error calculation and sources of error</li> </ul>	0 1 2 3 4 5 0 1 2 3
<b>Conclusion</b> <ul style="list-style-type: none"> <li>- Statement of final results for <math>\Delta H</math> and % error</li> </ul>	0 1

### Comments and Feedback: