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**Practical Report**

Assessed Item – 25%

**Investigating Exothermic and Endothermic Reactions**

Design an experiment to determine whether the reaction between vinegar or citric acid and bicarbonate of soda is endothermic or exothermic.

**Aim (1 Mark):**

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**Hypothesis (1 Mark):**

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**Variables (2 Mark):**

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**Materials (1 Mark):**

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**Diagram of experimental set up (2 Marks):**

**Method (2 Marks):**

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**RESULTS (9 Marks)**

Results Table (5 Marks):

Describe your observations (be sure to include actual results from the above table, do **NOT** explain why these happened that is for the discussion section) (2 Marks)

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**Discussion/Evaluation (4 Marks):**

Do your results support your hypothesis? Be sure to explain **why** your hypothesis was or was not supported (2 Mark)

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Were your results accurate and reliable? (2 Mark)

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If you were to do this experiment again how would you change it, in order to make your results more accurate and/or gather more useful information? (2 Mark)

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