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Lab # Ionic Character

This is a typed lab!! See Rubric!!

Aim: To put the tested compounds in order of increasing ionic character.

Vocabulary: Cite your source, the word internet or book is not enough: Ionic bonding, Covalent bonding, Metallic bonding, Soluble, Thermal conductivity, Electrical conductivity

Materials: Provide full listing, including:

The space below is provided for you to list your materials-
test compounds, spot plate, and multi-meter...

Diagram: You must include two labelled diagrams in your report

1. A top view of the hotplate with the five aluminum heating dishes, labeled with all compounds
2. A diagram of how electrical conductivity is tested, also labeled



Method: numbered steps indicating each test performed

The space provided here is for you to list all the steps performed in the completion of this lab.

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Conclusion: A conclusion is written in paragraph form. The outline below is provided only to help you organize your thoughts.

- Restate Aim

The aim of this lab was to _____

- Explain what you did in no more than 2 sentences (do not rewrite method)
-
-

- Results (state the results of the lab)
 - MUST answer the aim of the lab, with data to back up your statement
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- Uncertainties
 - List the possible sources of error during the lab, what improvements could be made.
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- New Learning
 - The way you write your conclusion shows your level of understanding of the topic studied. One way to show this is the correct use of proper vocabulary when reporting how the data in the experiment supported

GRADE: Use the rubric to determine your grade prior to submission.

THE FIRST FIVE POINTS OF THIS LAB WILL BE STAPLING THE COMPLETED RUBRIC TO YOUR SUBMITTED PRODUCT!

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