**Name: Partners:**

**Solutions Lab Report**

**(Kool-Aid)**

**Statement of the Problem and Background Information:**

In this section state the problem and explain any of the solution terms from the pre-lab that you feel apply to this lab. Describe the solution you will be making in this lab, and state what is the **solute** and what is the **solvent** for the solution.

**Hypothesis**:

**For your Materials, Procedures, and Results sections attach your lab paper to this lab report.**

*Conclusion and Scoring Guide on Back*

**Conclusion**:

Your conclusion should restate the problem and hypothesis and answer the following questions (in paragraph form): Briefly describe your observations of each of the 5 solutions that your group tasted. Were any of them unsaturated or supersaturated? Which solution did you feel was ideal, and did this agree with your hypothesis? You should also make sure to state if you felt there were any errors and if there is any additional testing you could do to confirm your hypothesis. READ THE SCORING GUIDE BELOW TO MAKE SURE YOU INCLUDE ALL PARTS.

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| --- | --- |
| **Area** | **Points** |
| **Problem/Background**   * State the problem. What question are you answering or what problem are you solving? * Give background information on the experiment by describing the solution and the concentrations of each of the 5 solutions. | \_\_\_/6 |
| **Hypothesis**   * Testable and Specific | \_\_\_/1 |
| **Materials/Procedure/Results**   * Attach lab paper with completed Pre-Lab and Data Table | \_\_\_/10 |
| **Conclusion (all parts are included)**   * Restate problem and Hypothesis (1 pts) * **Use details from your results/data** to explain why you think the hypothesis was supported or not. Do this by DESCRIBING the observations of each solution. (6 pts) * Include additional testing you could do and explain errors that may have happened in testing (1 pts) | \_\_\_/8 |
| * **TOTAL** | \_\_\_/25 |