Helper for osmosis lab

Ch 8 Lab\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Purpose- why are we doing this lab? What are you looking to prove/demonstrate? What is your hypothesis for the weight of each grape in this experiment- increase, stay the same or decrease?

Background: what is osmosis? What is a solute? What is hypertonic solution? Isotonic? Hypertonic? What happens to the cell in each of these solutions? Why does this occur?

Data: Include chart from lab- this CAN NOT be from the lab sheet. It must be created and filled in by the document creator you use and it has to have the correct label and solution actually used in the lab

Conclusion: specify WHICH represented each osmotic solution in this lab`. Explain whether each grape acted as expected –did the hypotonic gain or lose weight as expected, etc. explain why the results occurred. If they did not match the hypothesis, attempt to explain why.

|  |  |  |  |
| --- | --- | --- | --- |
|  | syrup | gatorade | Distilled water |
| Day 1 |  |  |  |
| Day 2 |  |  |  |
| Net gain or loss |  |  |  |