

Lab Report Template

nathan

4.3.5

Problem

How if the water that you drink meets the standards.

Hypothesis

I think the student fountain water will be les drinkable than bottled water.

Materials

- Water samples
- Sensors
- Distilled water

Procedures

1. Plug the sensor into labquest
2. Get water samples
3. Put sensor in water then record on labquest
4. Do steps 1-3 till you are finished

Data Collection

| | | | | | | |
|---------|-----|-----|---|-----|-----|--|
| | 1 | 2 | 3 | 4 | 6 | |
| Tds | 2.6 | 2.4 | 5 | 6.8 | .95 | |
| | 1 | 10 | 1 | 0 | 0 | |
| Nitrate | 15 | 10 | 3 | 0 | 0 | |

Analysis of Results

Explain the results and data collected. Be descriptive and complete in your discussion.

Conclusions

Based on the results, what inferences can you make? Describe how your predictions were proven or disproven. What were possible sources of error? What questions arise based on your results?