Water Quality Lab Quiz

Part 1:

1. What was the control in this experiment?

2. Which solutions changed color? What caused the color change in these solutions?

3. Why did the yeast solutions change color faster in the hot water bath?

Part 2:

4. Why does the analytical balance have to be "zeroed" with the measuring tray before weighing out the yeast?

5. What do you think would happen to the rate of reaction if you doubled the amount of yeast in the experiment?

6. Can yeast survive in oxygen-poor water? Why or why not?

Part 3:

7. Filtration separates mixture based on ________________________________.

8. What purpose does the endobroth serve in this experiment?

9. If the results are as shown below, was the water safe to drink?

[Diagram of water quality test results]