Chemistry 12

Lab: Hydrolysis

Name:

Block:

For Students:	For Teacher:
Lab performed: Lab due:	Lab Submitted: ☐ On Time ☐ Late

Procedure:

1. Put on safety goggles.
2. Obtain 7 test tubes in a test tube rack.
3. Fill each test tube with approximately 10 mL of water using a graduated cylinder.
4. Add 2 drops of universal indicator to each test tube. Swirl to mix.
5. One test tube will serve as your control.
6. Label the other 6 test tubes #1 - #6.
7. Obtain 6 salt solutions.
8. Add 3-5 drops of each solution to each test tube.
9. Record the data below.
10. Pour all solutions down the sink with plenty of water. Rinse out test tubes and clean up lab station.
11. Congratulate yourself on being an acids and bases expert!

Data:

Control	Universal Indicator Colour:	Approximate pH:

Salt #1:	Universal Indicator Colour:	Approximate pH:
Ionization Reaction: Hydrolysis Reaction:		

Salt #2:	Universal Indicator Colour:	Approximate pH:
Ionization Reaction: Hydrolysis Reaction:		

Salt #4:	Universal Indicator Colour:	Approximate pH:
Ionization Reaction: Hydrolysis Reaction:		

Salt #3:	Universal Indicator Colour:	Approximate pH:
Ionization Reaction: Hydrolysis Reaction:		

Salt #5:	Universal Indicator Colour:	Approximate pH:
Ionization Reaction: Hydrolysis Reaction:		

Salt #6:	Universal Indicator Colour:	Approximate pH:
Ionization Reaction: Hydrolysis Reaction:		