

Name:	Class:
Teacher:	Date:

Testing substances for Acidity and Alkalinity

Equipment:

- Various solutions of different substances. (Common acids, alkalis and substances found in the home)
- Universal indicator and the pH scale.
- Pipettes
- Rack of test tubes.

Method

1. Into a test tube put 2cm³ of a solution.
2. Add two drops of universal indicator.
3. Using the pH scale identify the pH of the solution using the colour.
4. Record your results and hence identify the type of substance the solution is. Example: Strong acid, weak alkali etc.

Results:

Solution	Colour with universal indicator	pH	Type of substance

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1. From your results what type of substances found in the home are

A. Acids?

B. Alkalis?

2. Found out some names of the acids and alkalis that are found in these substances.