



Science Worksheet

Acids, Bases and Salts

1. Name the following

- Substances which are bitter in taste and feel soapy on touching
- Any 3 naturally occurring indicators
- Name the acid present in the vinegar
- Acid present in the ant's sting
- Acid present in the curd
- An antacid
- Chemical name of lime water
- The base present in the soap
- The solution which is neither basic nor acidic
- Chemical name of slaked lime
- Any 2 acids present in acid rain
- A colourless indicator used in lab
- Chemical name of milk of magnesia
- The base which is added when the soil is too acidic
- The acid present in the cell which controls every feature of the body.

2. Fill in the Blanks

- _____ acid is present in Tamarind and Grapes
- Litmus paper turns _____ colour in acidic solution while _____ colour in basic solution
- Vitamin C is also known as _____.
- China rose indicator turns acidic solution to colour _____
- Litmus is extracted from _____.
- Phenolphthalein turns color in basic solution, it remains colorless in acidic solution
- Proteins are made of _____.
- Complete the equation $\text{Acid} + \text{Base} \rightarrow \text{Salt} + \text{water}$
- Sodium hydrogen carbonate is commonly known as _____

3. Correct the Statement

- When the soil is basic it is treated with quick lime
- In acidic solution phenolphthalein gives pink color

- c. China rose indicator turns basic solutions to magenta color
- d. Spinach contains citric acid

4. Define the following

- a. Indicators
- b. Neutral Solution
- c. Neutralisation
- d. Acid

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