

HYDROBROMIC

Meaning: Hydrobromic refers to a chemical compound or acid that contains bromine and hydrogen, particularly in the form of hydrobromic acid (HBr), which is used in various chemical reactions, including bromination.

1. Hydrobromic acid is commonly used in organic chemistry for bromination reactions.
2. The reaction between hydrobromic acid and alcohols produces alkyl bromides.
3. Safety precautions are essential when handling hydrobromic acid due to its corrosive nature.
4. Hydrobromic gas can be generated through the reaction of sodium bromide with sulfuric acid.
5. In laboratories, hydrobromic acid is often utilized for pH adjustments in various experiments.

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