

BIBASIC

Meaning: Bibasic refers to an acid that can donate two protons (H^+ ions) in a solution.

1. The chemist explained that a bibasic acid can donate two protons in a solution.
2. In the titration experiment, we used a bibasic solution to accurately measure the pH.
3. Understanding bibasic compounds is essential for advanced studies in organic chemistry.
4. Sodium hydrogen phosphate is an example of a bibasic salt that is commonly used in buffers.
5. The bibasic nature of sulfuric acid makes it a strong acid in various industrial applications.
6. When preparing a bibasic buffer, it's crucial to maintain the correct molarity of each component.
7. The reactivity of bibasic minerals can significantly influence soil chemistry.
8. In analytical chemistry, detecting bibasic substances often requires specific reagents.
9. Students often find the concept of bibasic acids challenging yet fascinating in their chemistry classes.
10. The properties of bibasic systems are explored in various fields, including biochemistry and pharmacology.

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