Acids vs Bases



 Substances that produce hydrogen ions (H⁺) when dissolved in water.



- Taste sour and are corrosive.
- Common examples:
 Hydrochloric acid (HCl), Sulfuric acid (H₂SO₄), Acetic acid (CH₃COOH)



- Taste bitter and feel slippery/soapy.
- Common examples: Sodium hydroxide (NaOH), Potassium hydroxide (KOH), Ammonia (NH₃ in water)

Strong vs. Weak Acids and Bases

Strong Acids/Bases

Completely dissociate (break apart into ions) in wator.

Example: HCl, H₂SO₄ NaOH, KOH



Weak Acids/Bases

Only partially dissociate in water Example: CH₃COOH (weak acid), NH₃ (weak base)



