

## Identifying Types of Acids and Bases from Salts

As quickly as possible, identify the compounds below by type of acid or base. Possible types of acid or base are: strong acid, weak acid, strong base, weak base and spectator ions.

<b>Name or Molecular Formula</b>	<b>Type of Acid or Base</b>
Potassium formate	Weak base
NaClO <sub>4</sub>	Spectator ions
Ammonium Nitrate	Weak acid
(CH <sub>3</sub> )NH <sub>3</sub> Br	Weak acid
Cesium Benzoate	Weak base
NaI	Spectator ions
KCN	Weak base
Barium Hydroxide	Strong base
CsBr	Spectator ions
CH <sub>3</sub> NH <sub>3</sub> Br	Weak acid
NH <sub>4</sub> F	Weak acid and weak base
Potassium iodide	Spectator ions
KI	Spectator ions
Na <sub>2</sub> HPO <sub>4</sub>	Weak acid or weak base
Copper (II) sulfate	Weak base
NaHSO <sub>3</sub>	Weak acid or weak base
K <sub>2</sub> CO <sub>3</sub>	Weak base
NaHCO <sub>3</sub>	Weak acid or weak base