

Cations Anions Table



Here is a table summarizing common cations and anions, including their names, symbols, charges, and types:

Name	Symbol	Charge	Type
Sodium ion	Na ⁺	+1	Cation
Potassium ion	K ⁺	+1	Cation
Calcium ion	Ca ²⁺	+2	Cation
Magnesium ion	Mg ²⁺	+2	Cation
Aluminum ion	Al ³⁺	+3	Cation
Iron(II) ion	Fe ²⁺	+2	Cation
Iron(III) ion	Fe ³⁺	+3	Cation
Copper(I) ion	Cu ⁺	+1	Cation
Copper(II) ion	Cu ²⁺	+2	Cation
Zinc ion	Zn ²⁺	+2	Cation
Hydronium ion	H ₃ O ⁺	+1	Cation
Ammonium ion	NH ₄ ⁺	+1	Cation
Chloride ion	Cl ⁻	-1	Anion
Bromide ion	Br ⁻	-1	Anion
Iodide ion	I ⁻	-1	Anion
Fluoride ion	F ⁻	-1	Anion
Hydroxide ion	OH ⁻	-1	Anion
Nitrate ion	NO ₃ ⁻	-1	Anion
Carbonate ion	CO ₃ ²⁻	-2	Anion
Sulfate ion	SO ₄ ²⁻	-2	Anion
Phosphate ion	PO ₄ ³⁻	-3	Anion
Acetate ion	CH ₃ COO ⁻	-1	Anion
Oxide ion	O ²⁻	-2	Anion
Sulfide ion	S ²⁻	-2	Anion

Cations are positively charged ions, while anions are negatively charged ions. These ions play a critical role in various chemical reactions and are commonly found in salts and other compounds.