

(a) special cases

OH⁻: hydroxide ion
(CH₃COO⁻: acetate)

SCN⁻: thiocyanate ion

CN⁻: cyanide ion

(b) oxoanion

Symbol of oxoanion	Name of oxoanion	
CO ₃ ²⁻	Carbonate ion	
HCO ₃ ⁻	Hydrogen carbonate ion	
SO ₃ ²⁻	Sulfite ion	
SO ₄ ²⁻	Sulfate ion	
HSO ₄ ⁻	Hydrogen sulfate ion	
NO ₂ ⁻	Nitrite ion	
NO ₃ ⁻	Nitrate ion	
ClO ⁻	Hypochlorite ion	
ClO ₂ ⁻	Chlorite ion	
ClO ₃ ⁻	Chlorate ion	
ClO ₄ ⁻	Perchlorate ion	
BrO ⁻	Hypobromite ion	
BrO ₂ ⁻	Bromite ion	
BrO ₃ ⁻	Bromate ion	
BrO ₄ ⁻	Perbromate ion	
IO ₃ ⁻	Iodate ion	
PO ₄ ³⁻	Phosphate ion	
HPO ₄ ²⁻	Hydrogen phosphate ion	
H ₂ PO ₄ ⁻	Dihydrogen phosphate ion	
MnO ₄ ⁻	Permanganate ion	
CrO ₄ ²⁻	Chromate ion	
Cr ₂ O ₇ ²⁻	Dichromate ion	

Chemical formula	Name of cation	Name of anion	Name of salt
KIO ₃	Potassium	Iodate	Potassium iodate
KMnO ₄	Potassium	Permanganate	potassium permanganate
FeCl ₂	Iron(II)	Chloride	iron (II) chloride
CuS	Copper(II)	Sulfide	copper (II) sulfide
Ca(HCO ₃) ₂	Calcium	Hydrogen carbonate	calcium hydrogen carbonate
NaClO	Sodium	Hypochlorite	sodium hypochlorite
(NH ₄) ₂ HPO ₄	Ammonium	Hydrogen phosphate	ammonium hydrogen phosphate
Fe ₂ (SO ₄) ₃	Iron(III)	Sulfate	iron (III) sulfate
K ₂ Cr ₂ O ₇	Potassium	Dichromate	potassium dichromate