

List of Common Polyatomic Ions

Cations:

<u>Symbol</u>	<u>Name</u>	<u>Charge</u>	<u>Symbol</u>	<u>Name</u>	<u>Charge</u>
NH ₄ ⁺	Ammonium	+1	Hg ₂ ⁺²	Dimercury (I)	+2

Anions:

<u>Symbol</u>	<u>Name</u>	<u>Charge</u>	<u>Symbol</u>	<u>Name</u>	<u>Charge</u>
C ₂ H ₃ O ₂ ⁻	Acetate	-1	CO ₃ ⁻²	Carbonate	-2
HCO ₃ ⁻	Bicarbonate	-1	CrO ₄ ⁻²	Chromate	-2
BrO ₃ ⁻	Bromate	-1	Cr ₂ O ₇ ⁻²	Dichromate	-2
BrO ₂ ⁻	Bromite	-1	C ₂ O ₄ ⁻²	Oxalate	-2
ClO ₄ ⁻	Perchlorate	-1	O ₂ ⁻²	Peroxide	-2
ClO ₃ ⁻	Chlorate	-1	SO ₄ ⁻²	Sulfate	-2
ClO ₂ ⁻	Chlorite	-1	SO ₃ ⁻²	Sulfite	-2
ClO ⁻	Hypochlorite	-1	S ₂ O ₃ ⁻²	Thiosulfate	-2
CN ⁻	Cyanide	-1	SiO ₃ ⁻²	Silicate	-2
SCN ⁻	Thiocyanate	-1	MoO ₄ ⁻²	Molybdate	-2
OH ⁻	Hydroxide	-1	WO ₄ ⁻²	Tungstate	-2
NO ₃ ⁻	Nitrate	-1	BO ₃ ⁻³	Borate	-3
NO ₂ ⁻	Nitrite	-1	PO ₄ ⁻³	Phosphate	-3
MnO ₄ ⁻	Permanganate	-1	PO ₃ ⁻³	Phosphite	-3
HSO ₄ ⁻	Bisulfate	-1	AsO ₄ ⁻³	Arsenate	-3
HSO ₃ ⁻	Bisulfite	-1	AsO ₃ ⁻³	Arsenite	-3
IO ₃ ⁻	Iodate	-1			
IO ₄ ⁻	Periodate	-1			
C ₆ H ₅ COO ⁻	Benzoate	-1			

<u>Symbol</u>	<u>Name</u>	<u>Charge</u>
H ₂ PO ₄ ⁻¹	Dihydrogen phosphate	-1
HPO ₄ ⁻²	Hydrogen phosphate	-2
Fe(CN) ₆ ⁻³	Hexacyanoferrate (III)	-3
Fe(CN) ₆ ⁻⁴	Hexacyanoferrate (II)	-4