

Table of Polyatomic Ions

Name	Formula	Name	Formula
ammonium	NH_4^+	nitrite	NO_2^-
acetate	$\text{C}_2\text{H}_3\text{O}_2^-$ (CH_3COO^-)	nitrate	NO_3^-
chlorate	ClO_3^-	oxalate	$\text{C}_2\text{O}_4^{2-}$
carbonate	CO_3^{2-}	permanganate	MnO_4^-
bicarbonate	HCO_3^-	phosphate	PO_4^{3-}
chromate	CrO_4^{2-}	selenate	SeO_4^{2-}
dichromate	$\text{Cr}_2\text{O}_7^{2-}$	sulfide	S^{2-}
cyanide	CN^-	sulfite	SO_3^{2-}
hydrogen carbonate	HCO_3^-	sulfate	SO_4^{2-}
hydroxide	OH^-	bromate	BrO_3^-

Monatomic Metal Ions	
Group #	Common Ions
3	Sc^{3+} , Y^{3+} , La^{3+}
4	Ti^{2+} , Ti^{3+}
5	V^{2+} , V^{3+}
6	Cr^{2+} , Cr^{3+}
7	Mn^{2+} , Mn^{3+} , Tc^{2+}
8	Fe^{2+} , Fe^{3+}
9	Co^{2+} Co^{3+}
10	Ni^{2+} Pd^{2+} Pt^{2+} Pt^{4+}
11	Cu^+ Cu^{2+} Ag^+ Au^+ Au^{3+}
12	Zn^{2+} Cd^{2+} Hg_2^{2+} Hg^{2+}
13	Al^{3+} Ga^{2+} Ga^{3+} In^+ In^{2+} In^{3+} Tl^+ Tl^{3+}
14	Sn^{2+} Sn^{4+} Pb^{2+} Pb^{4+}