

Polyatomic Ions You Need to Know

Cations			
Ammonium	NH_4^+	Hydronium	H_3O^+
Mercury (I)	Hg_2^{2+}		
Anions			
Carbonate	CO_3^{2-}	Hydrogen carbonate (bicarbonate)	HCO_3^-
Perchlorate	ClO_4^-	Chlorate	ClO_3^-
Chlorite	ClO_2^-	Hypochlorite	ClO^-
Chromate	CrO_4^{2-}	Dichromate	$\text{Cr}_2\text{O}_7^{2-}$
Cyanide	CN^-	Hydroxide	OH^-
Iodate	IO_3^-	Permanganate	MnO_4^-
Nitrate	NO_3^-	Nitrite	NO_2^-
Peroxide	O_2^{2-}	Phosphate	PO_4^{3-}
Hydrogen Phosphate	HPO_4^{2-}	Dihydrogen Phosphate	H_2PO_4^-
Sulfate	SO_4^{2-}	Hydrogen Sulfate (bisulfate)	HSO_4^-
Sulfite	SO_3^{2-}	Hydrogen Sulfite (bisulfite)	HSO_3^-
Thiocyanate	SCN^-	Thiosulfate	$\text{S}_2\text{O}_3^{2-}$