

# Polyatomic Ions

-1 CHARGE			
Acetate	$C_2H_3O_2^-$	Hydrogen Sulfate	$HSO_4^-$
Aluminate	$AlO_2^-$	Hydrogen Sulfite	$HSO_3^-$
Azide	$N_3^-$	Hydroxide	$OH^-$
Bicarbonate	$HCO_3^-$	Hypobromite	$BrO^-$
Bisulfate	$HSO_4^-$	Hypochlorite	$ClO^-$
Bromate	$BrO_3^-$	Hypoiodite	$IO^-$
Bromite	$BrO_2^-$	Iodate	$IO_3^-$
Chlorate	$ClO_3^-$	Iodite	$IO_2^-$
Chlorite	$ClO_2^-$	Nitrate	$NO_3^-$
Chromite	$CrO_2^-$	Nitrite	$NO_2^-$
Cyanate	$OCN^-$	Perbromate	$BrO_4^-$
Cyanide	$CN^-$	Perchlorate	$ClO_4^-$
Dihydrogen Phosphite	$H_2PO_3^-$	Periodate	$IO_4^-$
Dihydrogen Phosphate	$H_2PO_4^-$	Permanganate	$MnO_4^-$
Formate	$CHO_2^-$	Superoxide	$O_2^-$
Hydrogen Carbonate	$HCO_3^-$	Thiocyanate	$SCN^-$

+1 CHARGE	
Ammonium	$NH_4^+$
Hydronium	$H_3O^+$

-4 CHARGE	
Ferrocyanide	$Fe(CN)_6^{4-}$
Pyrophosphate	$P_2O_7^{4-}$

-3 CHARGE	
Arsenate	$AsO_4^{3-}$
Arsenite	$AsO_3^{3-}$
Borate	$BO_3^{3-}$
Ferricyanide	$Fe(CN)_6^{3-}$
Hypophosphite	$PO_2^{3-}$
Phosphate	$PO_4^{3-}$
Phosphite	$PO_3^{3-}$

-2 CHARGE	
Carbide	$C_2^{2-}$
Carbonate	$CO_3^{2-}$
Chromate	$CrO_4^{2-}$
Dichromate	$Cr_2O_7^{2-}$
Disulfate	$S_2O_7^{2-}$
Disulfide	$S_2^{2-}$
Hexafluorosilicate	$SiF_6^{2-}$
Hydrogen Phosphite	$HPO_3^{2-}$
Hydrogen Phosphate	$HPO_4^{2-}$
Manganate	$MnO_4^{2-}$
Metasilicate	$SiO_3^{2-}$
Molybdate	$MoO_4^{2-}$
Oxalate	$C_2O_4^{2-}$
Peroxide	$O_2^{2-}$
Selenate	$SeO_4^{2-}$
Silicate	$SiO_3^{2-}$
Sulfate	$SO_4^{2-}$
Sulfite	$SO_3^{2-}$
Tartrate	$C_4H_4O_6^{2-}$
Thiosulfate	$S_2O_3^{2-}$
Tungstate	$WO_4^{2-}$

Weak Acids	
Acetic Acid	$HC_2H_3O_2$
Ammonia	$NH_3$
Hydrofluoric Acid	$HF$
Phosphoric Acid	$H_3PO_4$

Strong Acids	
Chloric Acid	$HClO_3$
Hydrobromic Acid	$HBr$
Hydrochloric Acid	$HCl$
Hydroiodic Acid	$HI$
Nitric Acid	$HNO_3$
Perchloric Acid	$HClO_4$
Sulfuric Acid	$H_2SO_4$

Strong Bases	
Barium Hydroxide	$Ba(OH)_2$
Calcium Hydroxide	$Ca(OH)_2$
Cesium Hydroxide	$CsOH$
Lithium Hydroxide	$LiOH$
Potassium Hydroxide	$KOH$
Rubidium Hydroxide	$RbOH$
Sodium Hydroxide	$NaOH$
Strontium Hydroxide	$Sr(OH)_2$

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Acetate	$\text{C}_2\text{H}_3\text{O}_2^-$	Disulfate	$\text{S}_2\text{O}_7^{2-}$	Molybdate	$\text{MoO}_4^{2-}$
Aluminate	$\text{AlO}_2^-$	Disulfide	$\text{S}_2^{2-}$	Nitrate	$\text{NO}_3^-$
Ammonium	$\text{NH}_4^+$	Ferricyanide	$\text{Fe}(\text{CN})_6^{3-}$	Nitrite	$\text{NO}_2^-$
Arsenate	$\text{AsO}_4^{3-}$	Ferrocyanide	$\text{Fe}(\text{CN})_6^{4-}$	Oxalate	$\text{C}_2\text{O}_4^{2-}$
Arsenite	$\text{AsO}_3^{3-}$	Formate	$\text{CHO}_2^-$	Perbromate	$\text{BrO}_4^-$
Azide	$\text{N}_3^-$	Hexafluorosilicate	$\text{SiF}_6^{2-}$	Perchlorate	$\text{ClO}_4^-$
Bicarbonate	$\text{HCO}_3^-$	Hydrogen Carbonate	$\text{HCO}_3^-$	Periodate	$\text{IO}_4^-$
Bisulfate	$\text{HSO}_4^-$	Hydrogen Phosphate	$\text{HPO}_4^{2-}$	Permanganate	$\text{MnO}_4^-$
Borate	$\text{BO}_3^{3-}$	Hydrogen Phosphite	$\text{HPO}_3^{2-}$	Peroxide	$\text{O}_2^{2-}$
Bromate	$\text{BrO}_3^-$	Hydrogen Sulfate	$\text{HSO}_4^-$	Phosphate	$\text{PO}_4^{3-}$
Bromite	$\text{BrO}_2^-$	Hydrogen Sulfite	$\text{HSO}_3^-$	Phosphite	$\text{PO}_3^{3-}$
Carbide	$\text{C}_2^{2-}$	Hydronium	$\text{H}_3\text{O}^+$	Pyrophosphate	$\text{P}_2\text{O}_7^{4-}$
Carbonate	$\text{CO}_3^{2-}$	Hydroxide	$\text{OH}^-$	Selenate	$\text{SeO}_4^{2-}$
Chlorate	$\text{ClO}_3^-$	Hypobromite	$\text{BrO}^-$	Silicate	$\text{SiO}_3^{2-}$
Chlorite	$\text{ClO}_2^-$	Hypochlorite	$\text{ClO}^-$	Sulfate	$\text{SO}_4^{2-}$
Chromate	$\text{CrO}_4^{2-}$	Hypoiodite	$\text{IO}^-$	Sulfite	$\text{SO}_3^{2-}$
Chromite	$\text{CrO}_2^-$	Hypophosphite	$\text{PO}_2^{3-}$	Superoxide	$\text{O}_2^-$
Cyanate	$\text{OCN}^-$	Iodate	$\text{IO}_3^-$	Tartrate	$\text{C}_4\text{H}_4\text{O}_6^{2-}$
Cyanide	$\text{CN}^-$	Iodite	$\text{IO}_2^-$	Thiocyanate	$\text{SCN}^-$
Dichromate	$\text{Cr}_2\text{O}_7^{2-}$	Manganate	$\text{MnO}_4^{2-}$	Thiosulfate	$\text{S}_2\text{O}_3^{2-}$
Dihydrogen Phosphate	$\text{H}_2\text{PO}_4^-$	Metasilicate	$\text{SiO}_3^{2-}$	Tungstate	$\text{WO}_4^{2-}$
Dihydrogen Phosphite	$\text{H}_2\text{PO}_3^-$				