

COMMON IONS FOR CHEM 309

1 +		2 +		3 +		4 +	
Ammonium	NH_4^+	Beryllium	Be^{2+}	Aluminum	Al^{3+}	Lead (IV)	Pb^{4+}
		Magnesium	Mg^{2+}			(Plumbic)	
Hydrogen	H^+	Calcium	Ca^{2+}	Iron (III)	Fe^{3+}	Tin (IV)	Sn^{4+}
Lithium	Li^+	Strontium	Sr^{2+}	(Ferric)		(Stannic)	
Sodium	Na^+	Barium	Ba^{2+}	Gold (III)	Au^{3+}		
Potassium	K^+	Zinc	Zn^{2+}	Chromium (III)	Cr^{3+}		
Rubidium	Rb^+						
Cesium	Cs^+						
		Copper (II)	Cu^{2+}				
Silver	Ag^+	(Cupric)					
		Iron (II)	Fe^{2+}				
		(Ferrous)					
Copper (I)	Cu^+	Lead (II)	Pb^{2+}				
(Cuprous)		(Plumbous)					
		Mercury (I)	Hg_2^{2+}				
		(Mercurous)					
		Mercury (II)	Hg^{2+}				
		(Mercuric)					
		Tin (II)	Sn^{2+}				
		(Stannous)					

- 1		- 2		- 3	
Fluoride	F^-	Oxide	O^{2-}	Nitride	N^{3-}
Chloride	Cl^-	Sulfide	S^{2-}		
Bromide	Br^-			Phosphate	PO_4^{3-}
Iodide	I^-	Carbonate	CO_3^{2-}		
Hydroxide	OH^-	Hydrogen phosphate	HPO_4^{2-}		
Cyanide	CN^-	(Biphosphate)			
Acetate	CH_3CO_2^- or $\text{C}_2\text{H}_3\text{O}_2^-$				
		Peroxide	O_2^{2-}		
Nitrate	NO_3^-				
Nitrite	NO_2^-	Sulfate	SO_4^{2-}		
		Sulfite	SO_3^{2-}		
Hypochlorite	ClO^-				
Hydrogen carbonate	HCO_3^-				
(Bicarbonate)					
Hydrogen sulfate	HSO_4^-				
(Bisulfate)					
Di hydrogen phosphate	H_2PO_4^-				