COMMON IONS

CATIONS

Group I/II metals		Au^{1+}	gold (I)	Hg_2^{2+}	mercury (I)
		Au^{3+}	gold (III)	Hg^{2+}	mercury (II)
NH_4^+	ammonium	Co^{2+}	cobalt (II)	Ni^{2+}	nickel (II)
H_3O^+	hydronium	Co^{3+}	cobalt (III)	Ni^{3+}	nickel (III)
		Cu^+	copper (I)	Pb^{2+}	lead (II)
Al^{3+}	aluminum	Cu^{2+}	copper (II)	Pb^{4+}	lead (IV)
Zn^{2+}	zinc	Fe^{2+}	iron (II)	Sn^{2+}	tin (II)
Ag^+	silver	Fe^{3+}	iron (III)	Sn^{4+}	tin (IV)

ANIONS

Group V/VI/VII nonmetals		MnO_4^-	permanganate
CO_3^{2-}	carbonate	AsO_4^{3-}	arsenate
HCO_3^{2-}	hydrogen carbonate OR bicarbonate	SO_4^{2-}	sulfate
		SO_3^{2-}	sulfite
NO_3^-	nitrate	HSO_4^-	hydrogen sulfate
NO_2^-	nitrite	HSO_3^-	hydrogen sulfite
N_3^-	azide	$S_2O_3^{2-}$	thiosulfate
CN^-	cyanide		
OCN^-	cyanate	ClO_4^-	perchlorate
SCN^-	thiocyanate	ClO_3^-	chlorate
		ClO_2^-	chlorite
O_2^{2-}	peroxide	ClO^-	hypochlorite
OH^-	hydroxide		
$C_2H_3O_2^-$	acetate	BrO_4^-	perbromate
$C_2O_4^{2-}$	oxalate	BrO_3^-	bromate
		BrO_2^-	bromite
PO_4^{3-}	phosphate	BrO^-	hypobromite
HPO_4^{2-}	hydrogen phosphate		
$H_2PO_4^-$	dihydrogen phosphate	IO_4^-	periodate
PO_3^{3-}	phosphite	IO_3^-	iodate
		IO_2^-	iodite
CrO_4^{2-}	chromate	IO^-	hypoiodite
$Cr_2O_7^{2-}$	dichromate		