**CHARGES OF COMMON MONATOMIC IONS**

**+1 +2 +2 (cont.) +3**

Cesium, Cs+1 Barium, Ba+2 Mercury(I), Hg2+2 Aluminum, Al+3

Copper(I), Cu+1 Cadmium, Cd+2 Mercury(II), Hg+2 Antimony(III), Sb+3

Hydrogen, H+1 Calcium, Ca+2 Nickel, Ni+2 Bismuth, Bi+3

Lithium, Li+1 Cobalt, Co+2 Strontium, Sr+2 Cerium(III), Ce+3

Potassium, K+1 Copper(II), Cu+2 Tin(II), Sn+2 Chromium, Cr+3

Rubidium, Rb+1 Iron(II), Fe+2 Zinc, Zn+2 Gallium, Ga+3

Silver, Ag+1 Lead(II), Pb+2 Iron(III), Fe+3

Sodium, Na+1 Magnesium, Mg+2

Thallium, Tl+1 Manganese, Mn+2

**+4 -1 -2 -3**

Germanium(IV), Bromide, Br-1 Oxide, O-2 Nitride, N-3

Ge+4 Chloride, Cl-1 Selenide, Se-2 Phosphide, P-3

Lead(IV), Pb+4 Fluoride, F-1 Sulfide, S-2

Thorium(IV), Th+4 Iodide, I-1 Telluride, Te-2 **-4**

Zirconium, Zr+4

Tin (IV), Sn+4 Carbide, C-4

**CHARGES OF COMMON POLYATOMIC IONS**

**+1**

Ammonium, NH4+1

**-1 -1 -2 -3**

Acetate, C2H3O2-1 Iodate, IO3-1 Carbonate, CO3-2 Arsenate, AsO4-3

Azide, N3-1 Nitrate, NO3-1 Chromate, CrO4-2 Arsenite, AsO3-3

Benzoate, C7H5O2-1 Nitrite, NO2-1 Dichromate, Cr2O7-2 Citrate, C6H5O7-3

Bicarbonate, HCO3-1 Perchlorate, Hexafluorosilicate, Hexacyanoferrate(III)

Bisulfate, HSO4-1 ClO4-1 SiF6-2 Fe(CN)6-3

Bisulfite, HSO3-1 Permanganate, Molybdate, MoO4-2 Phosphate, PO4-3

Bromate, BrO3-1 MnO4-1 Oxalate, C2O4-2

Chlorate, ClO3-1 Thiocyanate, Peroxide, O2-2

Chlorite, ClO2-1 SCN-1 Sulfate, SO4-2  **-4**

Cyanate, CNO-1 Vanadate, Sulfite, SO3-2 Pyrophosphate, P4O7‑4

Cyanide, CN-1 VO3-1 Tartrate, C4H4O6-2 Hexacyanoferrate(II),

Formate, CHO2-1 Thiosulfate, S2O3-2 Fe(CN)6-4

Hydroxide, OH-1

Hypochlorite, ClO-1