

## THE Polyatomic Ions List

+1

ammonium  $\text{NH}_4^+$

-1

acetate  $\text{C}_2\text{H}_3\text{O}_2^-$

chlorate  $\text{ClO}_3^-$

chlorite  $\text{ClO}_2^-$

cyanide  $\text{CN}^-$

hydrogen carbonate

(bicarbonate)  $\text{HCO}_3^-$

hydroxide  $\text{OH}^-$

hypochlorite  $\text{ClO}^-$

nitrate  $\text{NO}_3^-$

nitrite  $\text{NO}_2^-$

permanganate  $\text{MnO}_4^-$

perchlorate  $\text{ClO}_4^-$

dihydrogen phosphate  $\text{H}_2\text{PO}_4^-$

hydrogen sulfite (bisulfite)  $\text{HSO}_3^-$

hydrogen sulfate (bisulfate)  $\text{HSO}_4^-$

thiocyanate  $\text{SCN}^-$

-2

carbonate  $\text{CO}_3^{-2}$

chromate  $\text{CrO}_4^{-2}$

dichromate  $\text{Cr}_2\text{O}_7^{-2}$

hydrogen phosphate  $\text{HPO}_4^{-2}$

silicate  $\text{SiO}_3^{-2}$

oxalate  $\text{C}_2\text{O}_4^{-2}$

sulfate  $\text{SO}_4^{-2}$

sulfite  $\text{SO}_3^{-2}$

-3

phosphate  $\text{PO}_4^{-3}$

phosphite  $\text{PO}_3^{-3}$

## Monatomic Ion List

sodium ion  $\text{Na}^+$

potassium ion  $\text{K}^+$

hydrogen ion  $\text{H}^+$

magnesium ion  $\text{Mg}^{+2}$

calcium ion  $\text{Ca}^{+2}$

strontium ion  $\text{Sr}^{+2}$

barium ion  $\text{Ba}^{+2}$

aluminum ion  $\text{Al}^{+3}$

nitride  $\text{N}^{-3}$

phosphide  $\text{P}^{-3}$

oxide  $\text{O}^{-2}$

sulfide  $\text{S}^{-2}$

fluoride  $\text{F}^{-1}$

chloride  $\text{Cl}^{-1}$

bromide  $\text{Br}^{-1}$

iodide  $\text{I}^{-1}$

chromium (III)  $\text{Cr}^{+3}$

manganese (II)  $\text{Mn}^{+2}$

iron (II) or iron (III)  $\text{Fe}^{+2}$  or  $\text{Fe}^{+3}$

cobalt (II)  $\text{Co}^{+2}$

nickel (II)  $\text{Ni}^{+2}$

copper (I) or copper (II)  $\text{Cu}^{+1}$  or  $\text{Cu}^{+2}$

zinc ion  $\text{Zn}^{+2}$

silver ion  $\text{Ag}^{+1}$