

Summary Required Molecular Ions

nitrate NO_3^-

NH_4^+ ammonium

nitrite NO_2^-

CN^- = cyanide

sulfate SO_4^{2-}

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

sulfite SO_3^{2-}

HSO_4^- = bisulfate = hydrogen sulfate

phosphate PO_4^{3-}

HCO_3^- = bicarbonate = hydrogen carbonate

phosphite PO_3^{3-}

HPO_4^{2-} = biphosphate = hydrogen phosphate

carbonite CO_3^{2-}

ClO^- = hypochlorite

BrO^- = hypobromite

ClO_2^- = chlorite

BrO_2^- = bromite

ClO_3^- = chlorate

BrO_3^- = bromate

ClO_4^- = perchlorate

BrO_4^- = perbromate

IO^- = hypoiodite

IO_2^- = iodite

IO_3^- = iodate

IO_4^- = periodate
