Chem 1013 Introduction to Chemistry

 **Common Oxyanions**

**Name formula and charge**

acetate C2H3O2- (CH3COO-)

bromate BrO3-

bicarbonate HCO3‑

(hydrogen carbonate)

carbonate CO32-

perchlorate ClO4-

chlorate ClO3-

**Special case:**

**Ammonium=NH4+**

chlorite ClO2-

hypochlorite ClO-

chromate CrO42-

chromite CrO32-

dichromate Cr2O72-

cyanide CN-

iodite IO2-

iodate IO3-

periodate IO4-

permanganate MnO4-

manganate MnO3-

manganite MnO2-

nitrite NO2-

nitrate NO3‑

hydroxide OH-

phosphite PO33-

phosphate PO43-

biphosphate HPO42-

(hydrogen phosphate)

dihydrogen phosphate H2PO4-

sulfite SO32-

bisulfite HSO3-

(hydrogen sulfite)

sulfate SO42-

bisulfate HSO4-

(hydrogen sulfate)