

6.7: Common Polyatomic Ions

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Common Polyatomic Ions

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Polyatomic Ions (common)

Cations	
NH_4^+	Ammonium
Hg_2^{2+}	Mercury(I)
Anions (1-)	
OH^-	Hydroxide
HSO_4^-	Hydrogen sulfate
CH_3COO^-	Acetate
ClO^-	Hypochlorite
ClO_2^-	Chlorite
ClO_3^-	Chlorate
ClO_4^-	Perchlorate
NO_2^-	Nitrite
NO_3^-	Nitrate
MnO_4^-	Permanganate
H_2PO_4^-	Dihydrogen phosphate
CN^-	Cyanide
HCO_3^-	Hydrogen carbonate
SCN^-	Thiocyanate
Anions (2-)	
O_2^{2-}	Peroxide
SO_3^{2-}	Sulfite
SO_4^{2-}	Sulfate
$\text{S}_2\text{O}_3^{2-}$	Thiosulfate
$\text{Cr}_2\text{O}_7^{2-}$	Dichromate
CrO_4^{2-}	Chromate
CO_3^{2-}	Carbonate
HPO_4^{2-}	Monohydrogen phosphate
$\text{C}_2\text{O}_4^{2-}$	Oxalate
Anions (3-)	
PO_4^{3-}	Phosphate
AsO_4^{3-}	Arsenate

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