

Chemistry

Charges and Oxidation States

Transition Elements

	Element	Oxidation State(s)
1	Silver	+1
2	Cobalt	+2, +3
3	Chromium	+2, +3
4	Copper	+1, +2
5	Iron	+2, +3
6	Mercury	+1, +2
7	Manganese	+2
8	Lead	+2, +4
9	Tin	+2, +4
10	Zinc	+2
11	Gold	+1, +3

Polyatomic Ions

	Ion	Symbol
1	Acetate	$\text{C}_2\text{H}_3\text{O}_2^{-1}$
2	Ammonium	NH_4^{+1}
3	Carbonate	CO_3^{-2}
4	Chlorate	ClO_3^{-1}
5	Chromate	CrO_4^{-2}
6	Bicarbonate	HCO_3^{-1}
7	Hydroxide	OH^{-1}
8	Hypochlorite	ClO^{-1}
9	Nitrate	NO_3^{-1}
10	Nitrite	NO_2^{-1}
11	Phosphate	PO_4^{-3}
12	Silicate	SiO_4^{-4}
13	Sulfate	SO_4^{-2}