**Standard Electrode Potentials in Aqueous Solution at 25°C**

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| **Cathode (Reduction) Half-Reaction** | **Standard Potential E° (volts)** |
| **Li+(aq) + e- -> Li(s)** | **-3.04** |
| **K+(aq) + e- -> K(s)** | **-2.92** |
| **Ca2+(aq) + 2e- -> Ca(s)** | **-2.76** |
| **Na+(aq) + e- -> Na(s)** | **-2.71** |
| **Mg2+(aq) + 2e- -> Mg(s)** | **-2.38** |
| **Al3+(aq) + 3e- -> Al(s)** | **-1.66** |
| **2H2O(l) + 2e- -> H2(g) + 2OH-(aq)** | **-0.83** |
| **Zn2+(aq) + 2e- -> Zn(s)** | **-0.76** |
| **Cr3+(aq) + 3e- -> Cr(s)** | **-0.74** |
| **Fe2+(aq) + 2e- -> Fe(s)** | **-0.41** |
| **Cd2+(aq) + 2e- -> Cd(s)** | **-0.40** |
| **Ni2+(aq) + 2e- -> Ni(s)** | **-0.23** |
| **Sn2+(aq) + 2e- -> Sn(s)** | **-0.14** |
| **Pb2+(aq) + 2e- -> Pb(s)** | **-0.13** |
| **Fe3+(aq) + 3e- -> Fe(s)** | **-0.04** |
| **2H+(aq) + 2e- -> H2(g)** | **0.00** |
| **Sn4+(aq) + 2e- -> Sn2+(aq)** | **0.15** |
| **Cu2+(aq) + e- -> Cu+(aq)** | **0.16** |
| **ClO4-(aq) + H2O(l) + 2e- -> ClO3-(aq) + 2OH-(aq)** | **0.17** |
| **AgCl(s) + e- -> Ag(s) + Cl-(aq)** | **0.22** |
| **Cu2+(aq) + 2e- -> Cu(s)** | **0.34** |
| **ClO3-(aq) + H2O(l) + 2e- -> ClO2-(aq) + 2OH-(aq)** | **0.35** |
| **IO-(aq) + H2O(l) + 2e- -> I-(aq) + 2OH-(aq)** | **0.49** |
| **Cu+(aq) + e- -> Cu(s)** | **0.52** |
| **I2(s) + 2e- -> 2I-(aq)** | **0.54** |
| **ClO2-(aq) + H2O(l) + 2e- -> ClO-(aq) + 2OH-(aq)** | **0.59** |
| **Fe3+(aq) + e- -> Fe2+(aq)** | **0.77** |
| **Hg22+(aq) + 2e- -> 2Hg(l)** | **0.80** |
| **Ag+(aq) + e- -> Ag(s)** | **0.80** |
| **Hg2+(aq) + 2e- -> Hg(l)** | **0.85** |
| **ClO-(aq) + H2O(l) + 2e- -> Cl-(aq) + 2OH-(aq)** | **0.90** |
| **2Hg2+(aq) + 2e- -> Hg22+(aq)** | **0.90** |
| **NO3-(aq) + 4H+(aq) + 3e- -> NO(g) + 2H2O(l)** | **0.96** |
| **Br2(l) + 2e- -> 2Br-(aq)** | **1.07** |
| **O2(g) + 4H+(aq) + 4e- -> 2H2O(l)** | **1.23** |
| **Cr2O72-(aq) + 14H+(aq) + 6e- -> 2Cr3+(aq) + 7H2O(l)** | **1.33** |
| **Cl2(g) + 2e- -> 2Cl-(aq)** | **1.36** |
| **Ce4+(aq) + e- -> Ce3+(aq)** | **1.44** |
| **MnO4-(aq) + 8H+(aq) + 5e- -> Mn2+(aq) + 4H2O(l)** | **1.49** |
| **H2O2(aq) + 2H+(aq) + 2e- -> 2H2O(l)** | **1.78** |
| **Co3+(aq) + e- -> Co2+(aq)** | **1.82** |
| **S2O82-(aq) + 2e- -> 2SO42-(aq)** | **2.01** |
| **O3(g) + 2H+(aq) + 2e- -> O2(g) + H2O(l)** | **2.07** |
| **F2(g) + 2e- -> 2F-(aq)** | **2.87** |