

SELECTED STANDARD REDUCTION POTENTIALS @ 25°C

Reduction Half-Reaction	E° (V)
$\text{Au}^{3+}(aq) + 3 e^- \rightarrow \text{Au}(s)$	+1.50
$\text{Hg}^{2+}(aq) + 2 e^- \rightarrow \text{Hg}(l)$	+0.85
$\text{Ag}^+(aq) + e^- \rightarrow \text{Ag}(s)$	+0.80
$\text{Cu}^{2+}(aq) + 2 e^- \rightarrow \text{Cu}(s)$	+0.34
$2 \text{H}^+(aq) + 2 e^- \rightarrow \text{H}_2(g)$	0.000
$\text{Fe}^{3+}(aq) + 3 e^- \rightarrow \text{Fe}(s)$	-0.04
$\text{Pb}^{2+}(aq) + 2 e^- \rightarrow \text{Pb}(s)$	-0.13
$\text{Sn}^{2+}(aq) + 2 e^- \rightarrow \text{Sn}(s)$	-0.14
$\text{Ni}^{2+}(aq) + 2 e^- \rightarrow \text{Ni}(s)$	-0.26
$\text{Co}^{2+}(aq) + 2 e^- \rightarrow \text{Co}(s)$	-0.28
$\text{Cd}^{2+}(aq) + 2 e^- \rightarrow \text{Cd}(s)$	-0.40
$\text{Zn}^{2+}(aq) + 2 e^- \rightarrow \text{Zn}(s)$	-0.76
$\text{Al}^{3+}(aq) + 3 e^- \rightarrow \text{Al}(s)$	-1.66
$\text{Mg}^{2+}(aq) + 2 e^- \rightarrow \text{Mg}(s)$	-2.38
$\text{Na}^+(aq) + e^- \rightarrow \text{Na}(s)$	-2.71
$\text{Ca}^{2+}(aq) + 2 e^- \rightarrow \text{Ca}(s)$	-2.87
$\text{K}^+(aq) + e^- \rightarrow \text{K}(s)$	-2.93
$\text{Li}^+(aq) + e^- \rightarrow \text{Li}(s)$	-3.05