

Potenziali Standard di riduzione (a 25°C e 1 atm)

Manganese	E° (V)
$\text{Mn}^{2+} + 2\text{e}^- \rightleftharpoons \text{Mn}$	- 1,180
$\text{Mn}^{3+} + \text{e}^- \rightleftharpoons \text{Mn}^{2+}$	+1,51
$\text{Mn}^{4+} + 4\text{e}^- \rightleftharpoons \text{Mn}$	+0,195
$\text{MnO} + 2\text{H}^+ + 2\text{e}^- \rightleftharpoons \text{Mn} + \text{H}_2\text{O}$	- 0,652
$\text{MnO} + 6\text{H}^+ + 6\text{e}^- \rightleftharpoons 2\text{Mn} + 3\text{H}_2\text{O}$	- 0,305
$\text{MnO}_2 + 4\text{H}^+ + 4\text{e}^- \rightleftharpoons \text{Mn} + 2\text{H}_2\text{O}$	+0,024
$\text{Mn}_3\text{O}_4 + 8\text{H}^+ + 8\text{e}^- \rightleftharpoons 3\text{Mn} + 4\text{H}_2\text{O}$	- 0,436
$\text{Mn}(\text{OH})_2 + 2\text{H}^+ + 2\text{e}^- \rightleftharpoons \text{Mn} + 2\text{H}_2\text{O}$	- 0,727
$\text{Mn}(\text{OH})_3 + 3\text{H}^+ + 3\text{e}^- \rightleftharpoons \text{Mn} + 3\text{H}_2\text{O}$	- 0,157
$\text{Mn}(\text{OH})_4 + 4\text{H}^+ + 4\text{e}^- \rightleftharpoons \text{Mn} + 4\text{H}_2\text{O}$	+0,214
$\text{MnOOH} + 3\text{H}^+ + 3\text{e}^- \rightleftharpoons \text{Mn} + 2\text{H}_2\text{O}$	- 0,335
$\text{MnO}(\text{OH})_2 + 4\text{H}^+ + 4\text{e}^- \rightleftharpoons \text{Mn} + 3\text{H}_2\text{O}$	+0,116
$\text{HMnO}_2^- + 3\text{H}^+ + 2\text{e}^- \rightleftharpoons \text{Mn} + 2\text{H}_2\text{O}$	- 0,163
$\text{MnO}_4^- + 8\text{H}^+ + 5\text{e}^- \rightleftharpoons \text{Mn}^{2+} + 4\text{H}_2\text{O}$	+1,507
$\text{MnO}_4^{2-} + 5\text{H}^+ + 4\text{e}^- \rightleftharpoons \text{HMnO}_2^- + 2\text{H}_2\text{O}$	+1,234
$\text{MnOH}^+ + \text{H}^+ + 2\text{e}^- \rightleftharpoons \text{Mn} + \text{H}_2\text{O}$	- 0,873
$\text{Mn}(\text{OH})_2 + 2\text{e}^- \rightleftharpoons \text{Mn} + 2\text{OH}^-$	- 1,555
$\text{MnO}_2 + 2\text{H}_2\text{O} + 2\text{e}^- \rightleftharpoons \text{Mn}(\text{OH})_2 + 2\text{OH}^-$	- 0,05
$\text{Mn}(\text{OH})_3 + \text{e}^- \rightleftharpoons \text{Mn}(\text{OH})_2 + \text{OH}^-$	+0,15
$\text{MnO}_4^- + 2\text{H}_2\text{O} + 3\text{e}^- \rightleftharpoons \text{MnO}_2 + 4\text{OH}^-$	+0,588
$\text{MnO}_4^- + \text{e}^- \rightleftharpoons \text{MnO}_4^{2-}$	+0,564
$\text{MnO}_4^{2-} + 2\text{H}_2\text{O} + 2\text{e}^- \rightleftharpoons \text{MnO}_2 + 4\text{OH}^-$	+0,60