

Manganese(IV)

Reaction	Parc et al., 1989	Brown and Ekberg, 2016
$\text{MnO}_2(\text{s}) + 2 \text{H}^+ \rightleftharpoons \text{Mn}^{2+} + \text{H}_2\text{O} + 0.5 \text{O}_2$	0.02	0.05 ± 0.15

P.L. Brown and C. Ekberg, Hydrolysis of Metal Ions. Wiley, 2016, pp. 573.

S. Parc, D. Nahon, Y. Tardy and P. Vieillard. Estimated solubility products and fields of stability for cryptomelane, nsutite, birnessite, and lithiophorite based on natural lateritic weathering sequences. Am. Mineralogist 74, 466–475 (1989).