

Lead(IV)

Reaction	Powell et al., 2009
$\beta\text{-PbO}_2 + 2 \text{H}_2\text{O} = \text{Pb}^{4+} + 4 \text{OH}^-$	-64^a
$\beta\text{-PbO}_2 + 2 \text{H}_2\text{O} + 2 \text{OH}^- = \text{Pb}(\text{OH})_6^{2-}$	-4.5^a

^aFeitknecht and Schindler (1963).

W. Feitknecht and P. Schindler, Solubility constants of metal oxides, metal hydroxides and metal hydroxide salts in aqueous solution. Pure Appl. Chem., 6, 125–206, 1963.

K.J. Powell, P.L. Brown, R.H. Byrne, T. Gajda, G. Hefter, A.K. Leuz, S. Sjöberg, H. Wanner, Chemical speciation of environmentally significant metals with inorganic ligands. Part 3: The $\text{Pb}^{2+} + \text{OH}^-$, Cl^- , CO_3^{2-} , SO_4^{2-} , and PO_4^{3-} systems (IUPAC Technical Report). Pure Appl. Chem., 81, 2425–2476, 2009.