

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.