

Tungsten

Reaction	NIST46
$\text{WO}_4^{2-} + \text{H}^+ = \text{HWO}_4^-$	3.6
$\text{WO}_4^{2-} + 2 \text{H}^+ = \text{H}_2\text{WO}_4$	5.8
$6 \text{WO}_4^{2-} + 7 \text{H}^+ = \text{HW}_6\text{O}_{21}^{5-} + 3 \text{H}_2\text{O}$	63.83

NIST46, NIST Critically Selected Stability Constants of Metal Complexes: Version 8.0. Available at: www.nist.gov/srd/nist46.

LOG FILE

April 23-26, 2021: Collection started, sources checked: JESS, NIST, Baes and Mesmer, Eckberg and Powell, NEA, IUPAC reports, Name of the file: messina Temp.docx

May 27-31, 2021: other critical sources checked, such as Feitknecht (IUPAC), NAGRA. Addition of errors associated to equilibrium constants. Elimination of non-critical sources such as JESS. Table has been divided to create a file for each element named "element_nameofthepersonincharge_version.docx". Reliable pK values will be required for future work.

June 1, 2021: formatting and references added.

December 15, 2021: Re-formatting and final adjustments

December 22, 2021: Elimination of Baes and Mesmer data because they were not critical, just cited from literature: "G. Schwarzenbach Metastabile Protonierungs-und Deprotonierungsprodukte anorganischer Molekeln und Ionen. Pure & Applied Chemistry 5, 377-402 (1962). doi:10.1351/pac196205030377."

29 December 2021 M Filella: final formatting