## Lawrence Berkeley National Laboratory

LBL Publications

Title

Correction to "Identification of the Non-Pertechnetate Species in Hanford Waste Tanks, Tc(I)—Carbonyl Complexes"

Permalink

https://escholarship.org/uc/item/0s24j18c

Journal

Environmental Science and Technology, 55(4)

**ISSN** 

0013-936X

Authors

Lukens, Wayne W Shuh, David K Schroeder, Norman C et al.

Publication Date

2021-02-16

DOI

10.1021/acs.est.1c00252

Peer reviewed

Correction to Identification of the Non-Pertechnetate Species in Hanford Waste Tanks, Tc(I) –Carbonyl Complexes

Wayne W. Lukens,\*† David K. Shuh,† Norman C. Schroeder,‡ Kenneth R. Ashley§

Chemical Sciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA 94720. Chemical Science Technology, Los Alamos National Laboratory, Los Alamos, NM 87545. Department of Chemistry, Texas A&M University-Commerce, Commerce, TX 75429.

AUTHOR EMAIL ADDRESS: www.ukens@lbl.gov

- † Lawrence Berkeley National Laboratory
- ‡ Los Alamos National Laboratory
- § Texas A&M University-Commerce

We have identified an error in a 2004 *Environmental Science and Technology* manuscript, Identification of the Non-Pertechnetate Species in Hanford Waste Tanks, Tc(I)–Carbonyl Complexes.<sup>1</sup> The spectrum of "Tc(V) gluoconate" in Figure 2d is inaccurate. This sample is contaminated with 25 to 50% pertechnetate as determined by EXAFS and XANES analysis, respectively. The error does not affect the conclusions of the manuscript.

## References

(1) Lukens, W.W.; Shuh, D.K.; Schroeder, N.C.; Ashley, K.R. Identification of the Non-Pertechnetate Species in Hanford Waste Tanks, Tc(I)–Carbonyl Complexes *Environmental Science & Technology* **2004**, *38*, 229-233. **DOI: 10.1021/es034318d**