

ADDITIONS AND CORRECTIONS

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U. K. Klänig* and K. Sehested: Tellurium(V). A Pulse Radiolysis Study

Page 6637. Tables 2 and 3 should read as follows.

TABLE 2: Standard Electrode Potentials

| electrode process | E°/Volt^a |
|--|-------------------------|
| $\text{TeO}_3^- + \text{e}^- = \text{TeO}_3^{2-}$ | 1.74 |
| $\text{TeO}_3^- + \text{H}^+ + \text{e}^- = \text{HTeO}_3^-$ | 2.31 |
| $\text{HTeO}_4^{2-} + \text{e}^- = \text{TeO}_3^{2-} + \text{OH}^-$ | 1.50 |
| $\text{TeO}_4^{3-} + \text{H}_2\text{O} + \text{e}^- = \text{TeO}_3^{2-} + 2\text{OH}^-$ | 1.45 |
| $\text{H}_6\text{TeO}_6 + \text{e}^- = \text{TeO}_3^- + 3\text{H}_2\text{O}$ | -0.40 |
| $\text{H}_5\text{TeO}_6^{2-} + \text{e}^- = \text{HTeO}_4^{2-} + 2\text{H}_2\text{O}$ | -0.52 |
| $\text{H}_4\text{TeO}_6^{2-} + \text{e}^- = \text{TeO}_4^{3-} + 2\text{H}_2\text{O}$ | -0.66 |

^a Estimated error + 0.02 V.

TABLE 3: Standard Electrode Potential of SO_3^- , SeO_3^- , and TeO_3^-

| electrode process | E_0/volt | ref |
|---|-------------------|-----------|
| $\text{SO}_3^- + \text{e}^- = \text{SO}_3^{2-}$ | 0.73 ± 0.01 | 1 |
| $\text{SeO}_3^- + \text{e}^- = \text{SeO}_3^{2-}$ | 1.68 ± 0.01 | 6 |
| $\text{TeO}_3^- + \text{e}^- = \text{TeO}_3^{2-}$ | 1.74 ± 0.02 | this work |
| $\text{SO}_4^{2-} + 2\text{H}^+ + \text{e}^- = \text{SO}_3^- + \text{H}_2\text{O}$ | -0.91 ± 0.01 | 1 |
| $\text{SeO}_4^{2-} + 2\text{H}^+ + \text{e}^- = \text{SeO}_3^- + \text{H}_2\text{O}$ | -0.03 ± 0.01 | 6 |
| $\text{H}_4\text{TeO}_6^{2-} + 2\text{H}^+ + \text{e}^- = \text{TeO}_3^- + 3\text{H}_2\text{O}$ | -0.70 ± 0.02 | this work |

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