

Correction to Synthesis, Molecular and Electronic Structure of $U^V(O)[N(SiMe_3)_2]_3$

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Page 1626. In our analysis of the bimetallic complex **3**, we incorrectly calculated its effective magnetic moment (μ_{eff}) per U^{4+} ion as $1.92 \mu_B$ at 300 K. The correct value is $2.71 \mu_B$ per uranium center; however, the *total* μ_{eff} of **3** remains unchanged at $3.84 \mu_B$ at 300 K. The incorrect value was used, in part, to support our conclusion that a uranium oxo complex synthesized by Andersen in 1979 was actually complex **3**, and not $U(O)[N(SiMe_3)_2]_3$ as originally reported.¹ While the corrected μ_{eff} per U^{4+} ion in **3** is much greater than that reported for Andersen's material ($1.82 \mu_B$), its value is still consistent with our U(IV) oxidation state assignment.² Most importantly, the magnetic data was only one component of our analysis, and on balance, the bulk of the evidence, including our melting point data, still supports the hypothesis that complex **3** was first synthesized in 1979 and misidentified as $U(O)[N(SiMe_3)_2]_3$.

REFERENCES

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