CORRECTION

Check for updates

Correction: Functionalized pyridine in pyclen-based iron(III) complexes: evaluation of fundamental properties

Magy A. Mekhail, Kristof Pota, Timothy M. Schwartz and Kayla N. Green*

Correction for 'Functionalized pyridine in pyclen-based iron(III) complexes: evaluation of fundamental properties' by Magy A. Mekhail et al., RSC Adv., 2020, 10, 31165–31170. DOI: 10.1039/d0ra05756h.

In the original article, in Table 2, incorrect values for the models for Fe(L4) were given. The correct values for the models for Fe(L4) are given in Table 2 here.

Table 2 Formation constants ($\log \beta$) of the ML species formed, Fe(II)/(III)

Complex	$\log \beta_{\text{red}}$ Fe(II)^a	$\log \beta_{\text{ox}}$ Fe(III)^b
[Fe(L1)]	14.18(5)	14.57
[Fe(L2)]	14.46(7)	14.70
[Fe(L3)]	12.41(2)	12.02
[Fe(L4)]	13.11(2)	12.91
[Fe(L5)]	12.30(2)	11.44

^{a} $I = 0.15$ M NaCl and $T = 25.0$ °C. ^{b} Derived from eqn (1) (ref. 31) and (Fe^{2+})$_{\text{aq}}$, $E^{\circ\prime}$Fe$^{\text{III}}$/Fe$^{\text{II}} = -0.439$ vs. [Fe(CN)$_6$]$^{3-}$/[Fe(CN)$_6$]$^{4-}$.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

Department of Chemistry and Biochemistry, Texas Christian University, 2950 W. Bowie, Fort Worth, TX 76129, USA. E-mail: kayla.green@tcu.edu