



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_10977
Title of the Manuscript:	Investigations of ferrous thiamine complex by cyclic voltammetry

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The main required improvements have been performed in the manuscript. Yet, several places in the Paper need correction for typing, reformulation, such as: -Please correct the typing / spelling of the word “stoichiometry” at 1st page, at <i>Keywords</i>. -It would be better to specify: “(thiamine: ferrous ion)”, see Abstract. e.g. Lines 210-211: “This sharp increase is also confirming that two or three ferrous ions may be involved in complex formation.” -I advise reformulating the phrase which refers to Figure 5, see below: “The graph is plotted between Ipa or Ipc and $v^{1/2}$, and a linear dependence ~~straight line~~ was obtained with 0.992 coefficient of regression (Fig. 5).” I propose this because the value of the intensity is represented on oy and the square root of the scan rate is on ox. -Some phrases need more clear/explicit reformulation, such as the one at lines 106-107: On further increase in scan rate, namely at values higher than 300 mV/s, there is no proper relationship is established....or “no proper relationship could be established”. -Line 278, please correct “voltammetric constant”. -Enriching and updating the refs (2011-present) with 1-2 examples referring to the aspects approached, at Authors' choice, would be also welcome. For the name of the first Author at 1st ref., please correct “Bard A.J.”.	Mole ratio of complex is established 1:2 (thamine: Ferrous ion) 100 mV/s scan rate is chosen as optimum. Stoichiometry, The graph is plotted between Ipa or Ipc and $v^{1/2}$, and the linear dependence was obtained with 0.992 coefficient of regression (Fig. 5). On further increase in scan rate, namely at values higher than 300mV/s, no proper relationship could be established. voltammetric constant Bard, A. J., Louloudi, M., Hadjiliadis, N., Feng, J. A., Sukumar, S., Bau, R., 1990. J. Am. Chem. Soc. 112, 7233. Ning-Hai Hu., Aoki, K., Adeyemo, A.O., Williams, G. N., 2001. Inorganica. Chimica .Acta. 325, 9.