



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_12083
Title of the Manuscript:	Biosorption of copper from aqueous solutions by raw and activated spines of Bombax buonopozense: Equilibrium, kinetics and thermodynamic studies

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Line 289 "finding" should read "findings" The author has not compared the qmax of his adsorbents with other reported qmax for other adsorbents to give insight as to how good Bombax buonopozense is as an adsorbent. Nowadays, many papers on adsorption always compare their findings with reported values for other adsorbents. I suggest as a compromise, the author includes a line at 256 such as.... "Nevertheless, the maximum biosorption capacities obtained in this study for both raw and activated AC are found to be lower compared to pristine peat (17.8mgg⁻¹)." Reference: Chieng Hei Ing, Linda B.L. Lim, Namal Priyantha, Adsorption of Copper(II) ions by peat from pristine and disturbed sites: Equilibrium, thermodynamics and kinetics study. <i>Journal of Applied Sciences in Environmental Sanitation</i>, 2013, 8(4), 303-312.) Since this is to be a new manuscript, it seems that many of the references cited in this paper are very old and the latest is from year 2011. Especially for kinetics (e.g. ref 32, 33 and 34) which the author cited to match pseudo second order are very old journals (from year 2007, 2008 and 2009). This doesn't look too good. There are many newly released journals supporting pseudo second order kinetics. May I suggest replacing one of them with a newly published journal such as "Namal Priyantha, Linda B.L. Lim, DTB Tennakoon, Nur Hakimah Mohd Mansor, Muhd Khairud Dahri and Hei Ing Chieng, Breadfruit (<i>Artocarpus altilis</i>) Waste for Bioremediation of Cu(II) and Cd(II) Ions from Aqueous Medium, <i>Ceylon Journal of Science (Physical Sciences)</i>, 2013, 17, 19-29." The above references are just suggestions only. The author can feel free to cite other recently published papers. The whole idea is to have some newly published papers on adsorption work. Lines 96, 108, 121, 139, 150, 155 the words "Where" should not be capital "W" and should read "where"	

Reviewer Details:

Name:	Linda Lim
Department, University & Country	Chemistry, Universiti Brunei Darussalam, Brunei Darussalam