



SDI Review Form 1.6

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
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	1. Abstract: Line 9: correct to The experimental results were analyzed with Langmuir, Freundlich, and Dubinin-Radushkevich isotherm models and in each case the Langmuir model appears to have better regression coefficients. Line 11: Correct to ΔG°, ΔH°, etc. 2. Biosorbents Lines 51-54 : This research needs FT-IR analysis of biosorbent to understand the main functional groups in the biosorbent responsible on biosorption process. 3. Analytical Techniques: This part needs to give the models of AAS and pH. 4. Isotherm studies Line 236 * Put the three tables in one table for easier comparison the results. * The perfect notations such as K_F not KF, Q_m not Qm, etc. * The units. What are the units of Q_m, K_F, K_L etc. Table 5. What is the units of the quantities in the table. * Description of the tables above it not below the table * Table 6. Correct the notations of the thermodynamic parameters such as ΔG°, ΔH°, ΔS°	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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