



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_31440
Title of the Manuscript:	Activated Periwinkle Shells for the Binding and Recognition of Heavy Metal Ions from Aqueous Media
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The isotherm constants of both the freundlich and Langmuir have been stated already with definition of every elements represented in the equation. With these information, I don't think we need to define or explain any thing again. From you comment above..... the values you obtained for the constants, how do you explain it in relation to your definition . As for n in freundlich you said n is greater than one. but for K in freundlich, Qm and K for Langmuir you did not say anything. I also expect an explanation for them as you did for n.	The correction is done in the original manuscript. See page number 12. . The difference in the k_F values for the metal ions might be in relation to interaction between the PSP and the analytes. A comparison based on Langmuir saturation adsorption capacity and equilibrium constant (Q_m and K) for both metal ions, indicated that the PSP was more efficient for Cr (4.72 mg/g). This may be due to the fact that generally at room temperature Cr shows antiferromagnetic ordering compared to Zn (i.e magnetic moments, usually related to the spins of electrons).