



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	MS: 2013_IJBcRR_3129
Title of the Manuscript:	EFFECTS OF PHOSPHIDE-POWDER RESIDUE CONTAMINATED COWPEA ON SERUM MAGNESIUM AND TRACE ELEMENTS IN RATS.

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
How was the cowpea administered to the rats? What was the dose? Please provide specific details. What was the temperature and humidity at which the treated cowpea was air dried? In table 2 and the results section, was there a difference in the concentration of the any of the elements between the two treatment groups? The authors only compare each treatment group versus control. However they should also compare the uncontaminated and contaminated groups. In the last sentence of the concluding paragraph, phosphide is spelled incorrectly.	The rats were given unrestricted access to phosphide residue contaminated cowpea and they fed on it for a period of eight hours. Residue of a quarter tablet of Protex was used to contaminate one kilogram of cowpea as stated in the manuscript. The treated cowpea was air dried at 32 °C, this is included in the manuscript. Inter-group differences were determined using analysis of variance (ANOVA) and this has been included in Table 2. Phosphide has been correctly spelt