



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_50261
Title of the Manuscript:	Synthesis and characterization of new apatitic materials from Hahotoé-Kpogamé phosphate rock
Type of the 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	<p>It is recommended that the manuscript be published after the following changes (These details might have significant impact on the quality of the paper):</p> <ol style="list-style-type: none"> 1. Lines 358-375 with little modifications could serve as good abstract.(no segmentation should be done in the abstract). 2. Numbering especially in section 2 should be reviewed: <ul style="list-style-type: none"> • 2 : Materials and Method • 2.1: Materials • 2.2: Methods <ul style="list-style-type: none"> 2.2.1:Synthesis 2.2.2: Characterization 2.2.3: Adsorption 3.The method should be reported consistently (from the rock to the washed precipitate) Calcination, dissolution in Nitric acid, filtration and precipitation 4. The discussion should be deepened for example; The type of substitution which occurred in this study (A or B site?) 5. Cite from ICDD the JCPDS card number which you used to identify the phases (PDF-2 file is what?) 6. Review the introduction to clearly define the problem and add appropriate literature. 7.The TGA Should be reviewed to include the reaction equations at various steps and the percentage changes in weight Discussed with respect to the equations. 8.The conclusion should be reviewed to clearly state the accomplishments and not a summary 	
Minor REVISION comments	<ol style="list-style-type: none"> 9. Consider changing the title of the paper to cover all aspects of the study 	
Optional/General comments	<p>This manuscript describes the synthesis, characterization of hydroxyapatite, uses of titanium dioxide as the main support of the synthesized apatite and cationic dye removal application. The results have demonstrated that the material with good dye adsorption efficiency. And the synthesized material can be used as a cost-effective and environmentally-friendly method for treating wastewater contaminated with cation dyes.</p> <p>However, the reporting is suffering from poor reporting, weak language and grammatical errors.</p>	



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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	<i>Ekane Peter Etape</i>
Department, University & Country	<i>University of Buea, Cameroon</i>