

Review Form 1.7

| | |
|--------------------------|--|
| Journal Name: | Journal of Materials Science Research and Reviews |
| Manuscript Number: | Ms_JMSRR_113261 |
| Title of the Manuscript: | REVOLUTIONIZING CERAMIC ARTISTRY: HARNESSING THE POTENTIAL OF COW BONE ASH AS A SUSTAINABLE OPACIFIER IN ENAMEL PRODUCTION |
| Type of the Article | Original Research Article |

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) |
|--|--|---|
| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <p>1.YES</p> <p>2.YES</p> <p>3.NO, it can be improved more.</p> <p>4.</p> <ul style="list-style-type: none"> a) Calcined bone was milled to finer particles (particle size)? Boiling in water with soda potash? Explain in detail. b) Chemical analysis- Elaborate about the atomic absorption spectrophotometer. c) Insufficient explanation regarding durability test. d) Experimental part can be more elaborative. e) How many samples were prepared and what are the results? (only one experimental sample?) f) Key word: Bio-ceramics- Manuscript has no such terminology. <p>5. YES</p> <p>6.More references can be added. To The Editor, Similar article was found in research gate, titled- Developing Ceramic Opacifier From Cow Bone Ash; A Sustainable Utilization In Enamel Production presented at 4th National Conference of the Academic Staff Polytechnique, Nigeria. DOI : 10.13140/RG.2.2.17688.62729 [Dear editor, please check the DOI and act accordingly]</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <p>YES</p> | |
| <p>Optional/General comments</p> | | |

Review Form 1.7

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: | V.V.S.N. Raju Jampana |
| Department, University & Country | KIMS Dental College, Y.S.R. University of Health Sciences, India |