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| Book Name: | [Chemical and Materials Sciences: Developments and Innovations](https://www.bookpi.org/bookstore/product/chemical-and-materials-sciences-developments-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_** **3847** |
| Title of the Manuscript: | **Yttrium-Doped γ-Glycine Crystals for Enhanced Nonlinear Optical Applications** |
| Type of the Article | **Book chapter** |

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| PART 1: Review Comments | | |
| Compulsory REVISION comments | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | **The manuscript is a good research consolidating already available knowledge on the subject matter and bringing a new perspective to Nonlinear Optical crystal.**  **The use of various techniques were exhaustive and well discussed. This is a good contribution to the body of science on the available subject matter.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The Title is suitable and appropriate** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Astract is sufficient** |  |
| **Are subsections and structure of the manuscript appropriate?** | **Structure and subsections are appropriate** |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** | The manuscript examined the growth and performance of a nonlinear optical (NLO) crystal from γ-glycine and yttrium nitrate. Powder X-ray diffraction analysis, Differential scanning calorimetry (DSC) and Second harmonic generation (SHG) were employed to determine the structure, characteristics and efficiency of the synthesized crystal.  The manuscripts is quite robust and technically sound as it touches all the requirements of a publishable work;from a solid abstract, to a good introduction, this was followed by a detailed methodology and a well discussed result. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | All the refernces needs to be worked on. Most of the references are Journal articles but the author(s) omitted citing the title of such works. It is evident that only the Journals where the works were published were referenced. This is highly inadequate and thus impossible for other researchers to access same materials due to inadequate referencing method. |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | The language is adequate only that the author(s) needs to use past tense and past participles correctly as this is a reported work. |  |
| Optional/General comments | **Grammatical tense usage, Please change the following;**  Line 60,89 change “are” to “were”  Line 79 change “indicates” to “indicated”  Line 80 change “exhibits” to “exhibited”  Line 81 change “contribute” to “contributed”  Line 90 change “have” to “had”  Line 107 change “indicates” to “depicted”  Line 108 change “influence” to “influenced”  Line 119, 127 change “indicates” to “indicated”  Line 128 change “exhibits” to “exhibited” |  |

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| **PART 2:** | | |
|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** | |
| Name: | **Afolabi, Qasim Olaitan** |
| Department, University & Country | **Federal College Of Animal Health And Production Technology,** **Nigeria** |