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| Book Name: | [Chemical and Materials Sciences: Research Findings](https://www.bookpi.org/bookstore/product/chemical-and-materials-sciences-research-findings-vol-1/)  |
| Manuscript Number: | **Ms\_BPR\_4617** |
| Title of the Manuscript:  | **Determination of Polymer Monomers in Polyhydroxyalkanoates using HPLC Analysis** |
| Type of the Article | **BOOK CHAPTER** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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. A minimum of 3-4 sentences may be required for this part.** | **This manuscript is highly relevant to the scientific community. Plastic being an essential material for the industry has been posing a serious danger to the environment because they do not undergo degradation. They can stay in the soil for many years which affects soil fertility, they also affects aquatic animals. This among many other effects of plastics in the environment makes it very important to device a means of degrading them. Hence, the need for their study.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **The Title is 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. | **The Abstract is not comprehensive enough as it does not give any information about the result achieved through the analysis using HPLC. The theoretical values and the measured results for the PHA content should be included in the abstract as well as result of the formation of 2BE AND 2PE from PHA.**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **The manuscript is scientifically correct.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **The references are sufficient and recent.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The English language is suitable |  |
| Optional/General comments |  |  |

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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: | **Muraina Taoreed Adekunle** |
| Department, University & Country | **Federal Polytechnic, Nigeria** |