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| Book Name: | **Biodegradable Packaging: A Comprehensive Guide to Development, Application, and Market Trends in the Agro-Food Sector** |
| Manuscript Number: | **Ms\_BPR\_4864** |
| Title of the Manuscript:  | **Biodegradable Packaging: A Comprehensive Guide to Development, Application, and Market Trends in the Agro-Food Sector** |
| Type of the Article | **Complete Book** |

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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.** | 1. This manuscript provides a complete description of biodegradable waste products of different manufacturing areas .
2. Diagrammatic representation is well explained .
3. Chapter 2 shows the complete description of the utilisation of agro-food processing waste and some challenges of it .The steps to overcome the challenges to convert useful products from the waste.

4. Chapter 3 describe about the recovery of bioactive compounds like flavonoids, essential oils etc with conventional and non-conventional methods from the agro-food waste.5. Chapter 4 depicts about the plasticiser, binders and functional additves for the preparation of edible films and coatings can be used as packaging material for societal benefits.1. Chapter 5 shows that biopackaging connects us with the sustainable development to overcome the global challenges.
2. Chapter 6 provides a review of BG Matrix and SWOT analysis to identify the key drivers and gaps for improvement.In this part we also get the complete information of global competitive markets and trends and further planning for implementation of our products.
3. Chapter 7 gives a glimpse of future scope in the field of agro-food waste processing to obtain the eco-friendly replacement of plastics.
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| **Is the title of the article suitable?****(If not please suggest an alternative title)** | Yes |  |
| 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. | Yes |  |
| **Is the manuscript scientifically, correct? Please write here.**  | Yes it's corret...it should also be checked through a software system. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | Yes those are sufficient |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes sure |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewer details:**

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