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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\_5174** |
| Title of the Manuscript:  | **Estimation of manganese from ferromanganese slag** |
| 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.** | **It highlight the importance of using leaching method for manganese extraction from a ferro-manganese alloy.**  |  |
| **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. | The abstract lacks the following:1. It lacks experimental data to back this experiment. The obtained results as shown in all the tables generated in this work are supposed to reflect on the abstract section of this work.
2. The obtained leaching result of the manganese from ferromanganese was also not captured in the abstract.
3. No conclusion was made on the abstract as to what best method can be used for the extraction of manganese from ferro-manganese.
4. The author should restructure the abstract such that it contains various experimental data as shown in the generated tables.
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| **Is the manuscript scientifically, correct? Please write here.**  | Yes though not carefully used in discussing the obtained results |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | Yes though the author did not use APA guidelines in referencing the work.References are not supposed to be numbered. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | I do appreciate the effort you put into your work but there are some few concerns about your work. 1. **ABSTRACT**

The abstract lacks the following:1. It lacks experimental data to back this experiment. The obtained results as shown in all the tables generated in this work are supposed to reflect on the abstract section of this work.
2. The leaching result of the manganese from ferromanganese was also not captured in the abstract.
3. No conclusion was made on the abstract as to what best method can be used for the extraction of manganese from ferro-manganese.
4. Restructure your abstract such that it contains various experimental data as shown in the generated tables.
5. **BODY OF THE RESEARCH**

The body of the research should be restructured to follow the folowing format as stated below: 1. Abstract
2. Introduction
3. Materials and Methods
4. Results and discussion
5. Conclusion

**2a. INTRODUCTION*****Observation 1:*** You cannot have “Experiment” just after the “Introduction” section of your work.***Observation 2***: Retitle the “Experimental” as “Materials and Methods”**2.0 Materials and Methods**2.1 Material- List all the equipments and materials used for this research.2.2 Methods - Highlght how the experiment was conducted as stated under the “Experimental” section of this work.1. **RESULTS AND DISCUSSION**

Each of the tables generated in this research should be well discussed stating reasons for each change in PH variation and other variations observed during the cause of the experiment. After detailed explanation of the various tables, equations of each of the table can be attached below. 1. **CONCLUSIONS**

The conclusion should be a reflection of all the discussed tables and this will capture a summary of the whole research work.1. **REFERENCES**
2. References are not numbered
3. The used references ae not well referenced using APA guideline. Do well to review and restructure all the references used for this research work.
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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?**  |  |  |

**Reviewer details:**

**Ebikemefa Ebimobowei Clinton, Ahmadu Bello University, Nigeria**