

### Review Form 3

Journal Name:	<a href="#">Journal of Energy Research and Reviews</a>
Manuscript Number:	Ms_JENRR_128613
Title of the Manuscript:	"Green Gold: Sustainable Biodiesel Production and Bioactive Compound Extraction from Microalgae"
Type of the Article	

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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**Review Form 3**

**PART 1: Comments**

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	The research is important for developing biodiesel from microalgae	
Is the title of the article suitable? (If not please suggest an alternative title)	Very suitable	
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.	Summary is comprehensive	
Is the manuscript scientifically, correct? Please write here.	Yes, it is scientifically correct	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, it is sufficient and appropriate	
Is the language/English quality of the article suitable for scholarly communications?	Yes, clear and understandable	
<u>Optional/General</u> comments	What are the methods of collection, storage, labeling and salinity (marine water) of samples? 2. How much was the magnification of microscope for observing microalgal cells? 3. How is the prepared Nile red Dye solution? 4. Why author didn't measured lipid signal by fluorescent meter? And then calculating lipid signal/cell for every strain? 5. Adding reference to the modified Lowry method (2.9 section) 6. Adding concentration ranges of BSA to make a standard curve 7. What is conditions of the GC-MS method (temperature, cullum, mobile phase,...)? 8. Can the morphological method indentify microalgal strains to species level (3.3 section)? 9. Adding phylogenetic tree into the 3.4 section	

**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>	

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