

REVIEWER'S REPORT

Manuscript No.: IJAR-58803

Title: Studies on Skin Protection Properties of Caulerpa Pelata

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision√.....

Do not accept (*Reasons below*)

Reviewer ID: JP085

Rating	Excel.	Good	Fair	Poor
Originality		√		
Techn. Quality			√	
Clarity			√	
Significance		√		

Reviewer's Comment for Publication.

The study evaluates the skin-protective potential of *Caulerpa peltata* methanolic extract using UV, FTIR, antibacterial, antioxidant, and anti-tyrosinase tests. The study shows that the extract has promising biological activities.

Strength:

1. The topic is interesting and relevant to herbal cosmetics.
2. The study uses different tests to evaluate the extract.
3. The algal sample was identified by the Botanical Survey of India.
4. UV and FTIR studies provide useful preliminary information.
5. Antibacterial and antioxidant activities were also studied.

Weakness:

1. The methodology needs more details.
2. Some experimental procedures are not clearly explained.
3. Proper controls and statistical analysis should be mentioned.
4. The introduction is too lengthy and repetitive.
5. Grammar, spelling, and formatting need correction.
6. The claim about skin-lightening activity should be stated cautiously because clinical studies are not provided.

Overall assessment:

The study is interesting and has good potential, but major improvements in methodology, results, language, and presentation are required.

Recommendation: Manuscript accepted for publication after major revision.