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## REVIEWER'S REPORT

Manuscript No.: IJAR-53729 Date: 09/09/2025

**Title:** Veg Collagen from Kalonji Extract by Unique Enzymatic Hydrolysis

**Recommendation:**
Accept as it is .....
Accept after minor revision.....
Accept after major revision ...**Yes**.....
Do not accept (*Reasons below*) .....

| Rating | Excel. | Good | Fair | Poor |
|---|---|---|---|---|
| Originality | | Y | | |
| Techn. Quality | | Y | | |
| Clarity | | | Y | |
| Significance | | Y | | |

Reviewer Name: Dr. Shankar Sahebrao Yelmame **Date:** 09/09/2025

**Reviewer's Comment for Publication.**

The manuscript explores an innovative approach to extract plant-based collagen from Kalonji seeds using enzymatic hydrolysis, addressing the growing interest in sustainable protein sources. The study highlights the high protein yield potential of Kalonji, which is promising for food, pharmaceutical, and cosmetic applications. However, further refinement in methodology and data presentation would strengthen the work.

***Detailed Reviewer's Report***

| Criteria | Comments |
|---|---|
| Abstract | Missing. A clear abstract summarizing objectives, methods, key results, and conclusion is mandatory. |
| Introduction | Provides general information but lacks a clear rationale, literature review, and research gap definition. |
| Materials and Methods | Described superficially. Missing critical details like enzyme type, concentration, pH, controls, and replicates. |
| Results and Analysis | Kjeldahl method explained but lacks raw data and statistical analysis. Protein content result seems unusually high. |
| Conclusion | Repeats general nutritional info without summarizing key findings or contextualizing significance. |

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|---|---|
| Referencing and Formatting | No citations or reference list present. Inconsistent formatting and units should be standardized. |
| Minor Comments | Grammar and syntax need correction. Tables/figures should be labeled. Scientific terminology needs improvement.Font should be uniform. |
| Recommendation | Major Revision - requires significant restructuring and more scientific rigor. |