

Karya Ilmiah No 10

Judul: Antioxidant, Antidiabetic, and Anti-obesity Potential of *Ipomoea reptans* P. Leaves (Hendrik Kurniawan, Ermenilda Sonia Dacamis, Adelina Simamora*, Priscilla Sari Dianauli Lumban Tobing, Ali Hanapiah, and Adit Widodo)

Email BUKTI KORESPONDENSI DENGAN EDITOR

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Selected Email:

- From:** [b] Editor Decision: Revisions Required
- To:** Ip2m@umpalangkaraya.ac.id
- Date:** Sun, 27 Sep, 13:39
- Subject:** Hendrik Kurniawan, Ermenilda Sonia Dacamis, Adelina Simamora, Priscilla SD Lumban Tobing, Ali Hanapiah, Adit Widodo Santoso:
- Body:**

We have reached a decision regarding your submission to **Borneo Journal of Pharmacy**, "Antioxidant, Antidiabetic, and Anti-obesity Potential of *Ipomoea reptans* P. Leaves".

Our decision is: Revisions Required

Mr. Mohammad Rizki Fadhil Pratama, Rizki
Editor in Chief
Borneo Journal of Pharmacy

The screenshot shows a Gmail inbox with the following details:

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Selected Email:

- From:** adelina simamora <adelina.simamora@ukrida.ac.id>
- To:** Ip2m, bcc: hendrik, bcc: Adit
- Date:** Wed, 7 Oct, 11:00
- Subject:** Dear Editor
- Body:**

Thank you for considering our manuscript for publication in your journal. We have uploaded in your system our revised manuscript together with our comments with regard to Reviewer's suggestions. We are looking forward to hearing from you.

Regards
Adelina Simamora
(Corresponding author)
- Attachments:** 2 Attachments
 - 1583-Article Text...
 - Response to Revi...

Gmail interface showing an email from **lp2m@umpalangkaraya.ac.id** to me, dated Thu, 8 Oct 2020, 07:47. The email content is:

Dear Authors,
Please confirm this comment of the reviewer:

Theoretically, it's impossible that total flavonoid content is higher than the total phenolic (Table 1) since flavonoid is a part of phenolic compounds.
The author must clarify or prove that this happened not because of a work error or calculation from the author by providing examples of similar events.

Regards,

Below is a Hangout from **adelina simamora** (adelina.simamora@ukrida.ac.id) to lp2m, dated Thu, 8 Oct 2020, 16:39:

Dear Editor

Thank you for your reply. Below is our response to your comment regarding the results of TFC which was higher than TPC.

Several conditions may influence the recovery of phenolics and flavonoids from plant extracts. These include extraction solvent used (Do *et al.*, 2014), extraction methods (Ling *et al.*, 2019), the occurrence of other compounds such as ascorbic acid and sugar which interfere with FC method (Lester *et al.*, 2012), the complexity of various moieties attach to the flavonoids that would influence their solubility in particular solvent systems (Banjarnahor & Artanti, 2014), and many more. Although flavonoids contain phenolic group(s) (thus may lead to higher TPC than TFC), many studies have also obtained higher content in flavonoids than phenolics (I. Ino *et al.*, 2019; Scisuan & Chairahenopod, 2021). This may indicate that the aforementioned situations may contribute to the observed

Gmail interface showing an email from **lp2m@umpalangkaraya.ac.id** to me, dated Fri, 9 Oct 2020, 13:44. The email content is:

Dear authors,
Thank you for your confirmation.

After discussing with the editorial board members, we decided to accept your results. However, we need a theoretical justification from you regarding the cause of obtaining these results (TFC is greater than TPC), along with arguments why these results can occur. The arguments you mention in the text (It might be that the use of polar extraction solvent contributes to the observed results) do not yet have a scientific basis for the reasons for these results. The two references that you present only convey data without discussing the unusual results. We would be very happy if you could add an explanation along with the theoretical possibilities why this happened.

Best regards,

Below is a Hangout from **adelina simamora** (adelina.simamora@ukrida.ac.id) to lp2m, dated Sun, 18 Oct 2020, 12:53:

Dear editors

With regard to the last question on the theoretical justification of the observed result (TFC > TPC), we proposed that: highly substituted flavonoids that may present in the ethanol extract may not react with Folin Ciocalteu reagent in the same way as simpler phenolic acids, thus may give rise to lower gallic acid equivalent.

We have added this explanation in our manuscript (attached).
We hope this may provide possible explanation on the results obtained in our study.

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[bjop] Editor Decision: Accepted | Inbox

Ip2m@umpalangkaraya.ac.id | Tue, 13 Oct, 19:23

Hendrik Kurniawan, Ermenilda Sonia Dacamis, Adelina Simamora, Priscilla SD Lumban Tobing, Ali Hanapih, Adit Widodo Santoso:

We have reached a decision regarding your submission to **Borneo Journal of Pharmacy**, "Antioxidant, Antidiabetic, and Anti-obesity Potential of Ipomoea reptans P. Leaves".

Our decision is to: Accept Submission

Mr. Mohammad Rizki Fadhil Pratama
Editor-in-Chief
Borneo Journal of Pharmacy

Type here to search | ENG US | 22:47 | 03/11/2020