**COVER LETTER**

Aldes Lesbani 09 June 2022

Research Center of Inorganic Materials and Complexes,

Faculty of Mathematics and Natural Sciences,

Sriwijaya University,

Jl.Padang Selasa Bukit Besar

Palembang 30139.

Dear Editor of The Indonesian Journal of Chemistry,

We wish to submit an original research article entitled “**Adsorption Of Fe(II) by Layered Double Hydroxide-Carbon Based Material as Composite: Reusability and Thermodynamic Properties**” for consideration by the Indonesian Journal of Chemistry. We confirm that the written manuscript is original, and no part of it has been published before, nor is any part of it currently under consideration for publication elsewhere.

Layered double hydroxide (LDH) of Ni/Al was synthesized by coprecipitation method at pH 10 following with formation of composite with carbon-based material i.e. biochar (BC) and graphite (GF) to form Ni/Al-BC and Ni/Al-GF. Materials were confirmed through XRD powder, FTIR, BET surface area, and thermal analyses. Ni/Al-BC and Ni/Al-GF composites will be used as adsorbents of iron(II) from an aqueous solution. The adsorption ability of Ni/Al-BC and Ni/Al-GF were proven through several parameters including the reusability of composites to evaluate the structural stability and adsorption thermodynamics of iron(II).

Please find below a list of potential reviewers for this work.

We have no conflicts of interest to disclose.

Please address all correspondence concerning this manuscript to me at [aldeslesbani@pps.unsri.ac.id](mailto:aldeslesbani@pps.unsri.ac.id)

Your consideration is very much appreciated. We are looking forward to your favorable reply.

Sincerely,

Aldes Lesbani

**List of Potential Reviewers**

**Note:**

1. Reviewers should not be from the same institution as authors.

2. Reviewers have no research collaboration with authors in the last three years.

3. If possible, reviewers have a different nationality.

4. Final decision of the reviewers will be made by editors.

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|  | Affiliation | : | Himpunan Kimia Indonesia |
|  | Address | : |  |
|  | E-mail | : | [Hendrik9701@gmai.com](mailto:Hendrik9701@gmai.com) |
|  | Reviewing Interest / Expertise | : | chemistry |

|  |  |  |  |
| --- | --- | --- | --- |
| 2. | **Name** | **:** | **Prof. Dr. Is Fatimah** |
|  | Affiliation | : | Department of Chemistry, Islamic University of Indonesia |
|  | Address | : |  |
|  | E-mail | : | isfatimah@uii.ac.id |
|  | Reviewing Interest / Expertise | : | Nanomaterial, adsorbent, adsorption, photodegradation |

|  |  |  |  |
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| 3. | **Name** | **:** | **Prof. Dr. Rodiansono** |
|  | Affiliation | : | Department of Chemistry, Lambung Mangkurat Universitas, Indonesia |
|  | Address | : |  |
|  | E-mail | : | Rodian114@gmail.com |
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