**COVER LETTER**

Suyanta 30 September 2021

Department of Chemistry,

Faculty of Mathematics and Natural Sciences,

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Dear Editor of Indonesian Journal of Chemistry,

We wish to submit an original research article entitled “**Superparamagnetic Nanocomposite of** **Magnetite-CTAB as Highly Effective Adsorbent for Methyl Orange**” 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.

[This manuscript describes the synthesis and characterization of superparamagnetic nanocomposite of CORE-SHELL MAGNETITE COATED WITH CTAB which is separable by the magnet. As well protected by the CTAB core, the magnetite is very stable towards oxidation. This nanocomposite is applied as an adsorbent for anionic dyes, i.e. methyl orange which is very harmful to the environment. The resulting nanocomposite under optimal conditions showed excellent adsorption properties. Moreover, the adsorption efficiency of 99.21% was reached when Magnetite-CTAB 0.1 (25 mg) was interacted with MO solution (10 mg L-1, 20 mL) at pH 7. After the adsorption process, the adsorbent/adsorbate system can be separated easily and quickly using an external magnet.]

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 suyanta\_mipa@ugm.ac.id.

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

Sincerely,

Suyanta

**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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