## **COVER LETTER**

Irma Mulyani, Ph.D Chemistry Departement, Faculty Mathematics and Natural Sciences Institut Teknologi Bandung Ganesha no. 10, Bandung 40132 Bandung, 9 Januari 2023

Dear Editor of Indonesian Journal of Chemistry,

We wish to submit an original research article entitled "Synthesis and Characterization of Iron(II) Complex With 2,6-bis(pyrazol-3-yl)pyridine Ligand and Tetracyanonickelate Anion" 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.

The article described the strategy synthesis of  $[Fe(3-bpp)_2][Ni(CN)_4]$  complex, which involved replacing the  $Cl^-$  in the  $[Fe(3-bpp)_2]Cl_2$  with  $[Ni(CN)_4]^{2-}$ , and also studying its SCO pattern. The H atom present in the 3-bpp ligand has the potential to interact with the N atom of  $[Ni(CN)_4]^{2-}$  through a hydrogen bond, which was able to influence the SCO properties of  $[Fe(3-bpp)_2]^{2+}$  complexes. Until now, there are only three anion complexes with the cyano ligand that are used as the counteranions of  $[Fe(3-bpp)_2]^{2+}$  complexes. Therefore, the elaboration of the cyano complexes as the counteranions is a great opportunity to produce a new material with a unique SCO pattern. The results of this study can a provide scientific contribution related to the influence of the cyano complexes as the counteranions on the SCO properties of  $[Fe(3-bpp)_2]^{2+}$  complexes.

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 imulyani@itb.ac.id.

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

Sincerely, Irma Mulyani, Ph.D Assistant Professor of Inorganic Chemistry Research Faculty Mathematics and Natural Sciences Institut Teknologi Bandung e-mail: imulyani@itb.ac.id

## **List of Potential Reviewers**

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- 2. Reviewers have no research collaboration with authors in the last three years.
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University Kebangsaan Malaysia

Address : 43600 Bangi, Selangor, Malaysia

E-mail : boharimy@gmail.com

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Affiliation : Universitas Negeri Medan

Address : Jl. William Iskandar, Pasar V Medan Estate

E-mail : iissitijahro@unimed.ac.id

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Affiliation : Department of Chemistry, Faculty of Mathematics and

Natural Science, Pattimura University

Address : Jl. Ir. M. Putuhena, Poka, Ambon 97233

E-mail : yusmale@yahoo.com

Reviewing Interest /

Expertise : Inorganic Chemistry, Environmental Chemistry

4. Name : Prof. Indriana Kartini, S.Si., M.Si., Ph.D.

Affiliation : Department of Chemistry, Faculty of Mathematics and

Natural Science, Gajah Mada University

Address : Jl. Bulaksumur, Caturtunggal, Daerah Istimewa Yogyakarta

55281

E-mail : indriana@ugm.ac.id

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Expertise : Nanomaterial, nanotechnology, functional nanomaterial.