Department of Chemistry,

Obafemi Awolowo University,

Ile-Ife,

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Nigeria.

9th February, 2019

The Editor,

Journal of Serbian Chemical Society

Dear Sir,

**Manuscript Submission**

Please find our manuscript titled: “*Thermodynamics of adsorption of Malachite Green on Treated and Untreated Corncob Charcoal*” for publication in the Journal of Serbian Chemical Society.

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This manuscript by Adedayo A. Fodeke and Oluwabukunmi O. Olayera, which reports the thermodynamic properties of untreated and acid treated corncob charcoal is an original work carried out by the duo. It has not been published elsewhere and is not presently being considered anywhere for publication by any other Journal. It will not be submitted for any other review while still under consideration by the Journal of Serbian Chemical Society. The manuscript contains no libellous or other unlawful statements and does not contain any materials that violate any personal or proprietary rights of any other person or entity. In the manuscript, the adsorption properties of the untreated and acid treated corncob charcoals were compared it with that of commercially available activated charcoal. The data fitted quite well to Freundlich model. An interesting aspect of the result is that the Fruendlich constant behaves very much like the thermodynamic equilibrium constant of chemical reaction. To the best of our knowledge, this data is the first to use the Freundlich constant to determine thermodynamic parameters such as enthalpy and entropy. The results shows clearly that the adsorption of malachite green on the three adsorbent used occur by physisorption.

We hope you will find it publishable in the Journal of Serbian Chemical Society.

We suggest the following possible reviewers:

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Sincerely yours,

Adedayo A. Fodeke