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ABSTRACT

Abstract contains problems, objectives, methods, findings and conclusions of the research clearly and concisely. Abstracts are arranged in one paragraph and should not be more than 200 words. The abstract must stand alone because it is separate from the body of the article and do not use abbreviations or compound numbers.

Keywords: consists of 3-5 words, separated by commas (,) and capitalized for the beginning of a keyword.

1. INTRODUCTION

The introduction contains the background, problems, and objectives of the study, detailed literature summaries and results should be avoided. The aim and objective is clearly written in the last paragraph. Every reference cited must be included in the reference list and vice versa. Use reference manager to cite articles easily and properly. It is recommended to use Mendeley or another with style references numbers in square brackets in accordance with the text [1]. Example: "..... as demonstrated [2,3]. Liu and Liu [4] obtained a different result". Keep in mind that the abbreviation must be defined and mentioned first in the text.

2. MATERIALS AND METHODS

Sufficient detail regarding the material, equipment and method must be given to enable the work to be repeated.

2.1. Materials

Details about the manufacture and purity of the material used should be given, e.g., $\text{NiNO}_3 \cdot 6\text{H}_2\text{O}$ (PA, Merck, Germany).

2.2. Methodology

Reference should be made to the methods if the method has been published in previous works: only specific modifications should be defined.

2.2.1. Sub procedure

This EXPERIMENTAL SECTION may be modified into technical specifics for theoretical or analytical research, which might involve the Applications, Algorithms, Equations, etc. This is not necessary for a sole theoretical / computational research to involve the Materials or Instruments.

3. RESULTS AND DISCUSSION

The results and discussion contain the findings and discussion. All findings must be supported by sufficient data. This section will address the research hypothesis mentioned in the Introduction. The actual result and discussion, assisted by figures, tables, schemes, charts, reactions, and equations. At the point of relevance, figures, charts, tables, schemes and equations should be embedded within the text. All tables and figures must have clear titles and legends. Furthermore, the equation will be written using the editor for equation.

Tables

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Each table must have a brief title (one sentence or phrase) describing the contents. In reference to the text, the title should be clear and details should be put in footnotes, not in title. Tables should be used where the details cannot be easily presented in the narrative, there are several numbers to display, or the tabular structure can express more concrete inter-relationships. Tables should complement and not repeat the facts and statistics contained in the text. Tables should be simple and concise.

Table 1. Example of table

No.	Sample/Variable	Data (unit)	Remark

Chemical Structure Drawing

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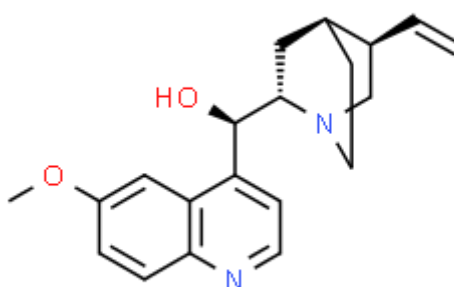


Figure 1. Chemical structure of alanine

Figures

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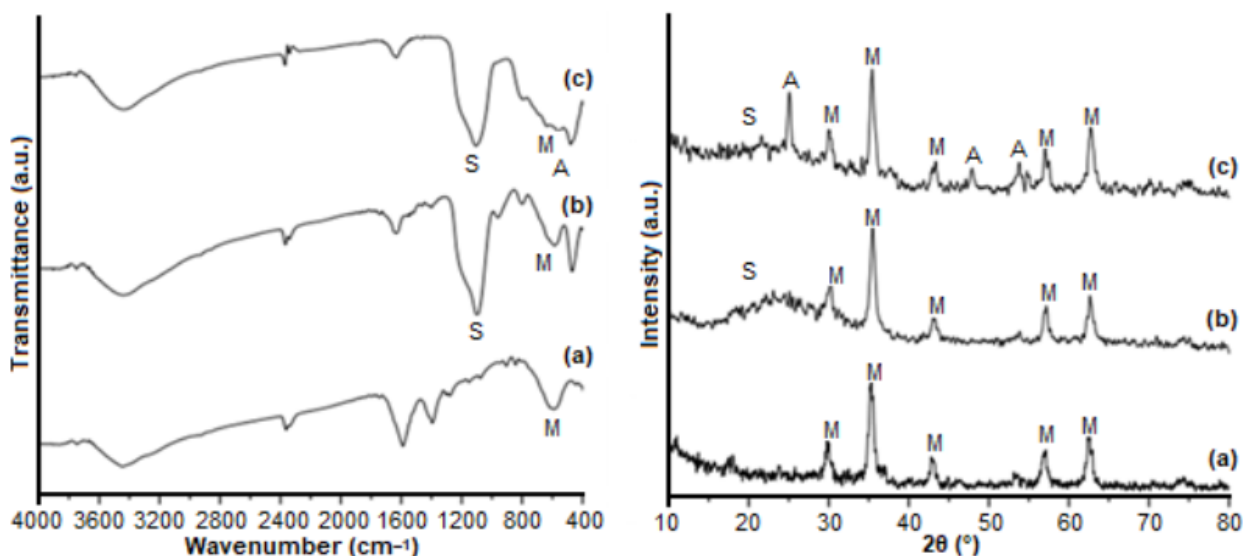


Figure 2. FTIR spectra (left) and XRD diffractograms (right) of (a) Xx, (b) Yy and (c) Zz

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Equations

Arabic numerals in parentheses at the right side [i.e. (1), (2) etc.] represents chemical and mathematical equations. In-text calculations like this one are referred to as Eq. (1), and so on; and numbering should follow. It is important to type mathematical equations and present them in the correct type of style (for example, italics, boldface, subscript, superscript, etc.).

$$2d\sin\theta = n\lambda \quad (1)$$

CONCLUSION

This section should highlight the important interpretations and conclusions of the paper and the importance of each other. The main conclusion must contribute to the research objective,

which can be a brief conclusion alone or a portion of the Discussion or Results and Discussions section.

SUPPORTING INFORMATION

Provide supporting information (additional table(s), figure(s), equation(s), etc.) relating to this work, if required. If the manuscript is approved, editors shall have full links to the article and the SI.

ACKNOWLEDGEMENTS

The last section of the paper is generally the place for acknowledgement of people (dedications), places, and financing. The acknowledgement should be brief and written to the reputed institutions and the original supporters of the work. It is important to provide the grant number of financial aid and sponsors.

CONFLICT OF INTEREST

State no conflicts of interest between authors.

AUTHOR CONTRIBUTIONS

The experiment was carried out by ABC, the DFT calculations were carried out by XY and the report was written and revised by ABC and XY. The final report was committed by all contributors.

REFERENCES

At the end of the manuscript are references. the accuracy and completeness of the references are the responsibility of the author. References is the latest as much as possible. As a suggestion, for example, the minimum total reference is 20 and the most recent reference (less than 6 years) must be 50% of the total reference used. . In the order they appear in the text give the numbers in the references (numbers in square brackets). Specifically, be guided by the following example:

- [1] Widjonarko, D.M., Jumina, Kartini, I., and Nuryono, 2014, Phosphonate modified silica for adsorption of Co(II), Ni(II), Cu(II) and Zn(II), *Indones. J. Chem.*, 14 (2), 143–151. [\[Journal article\]](#)
- [2] Hutama, A.S., Huang, H., and Kurniawan, Y.S., 2019, Investigation of the chemical and optical properties of halogen-substituted N-methyl-4-piperidone curcumin analogs by density functional theory calculations, *Spectrochim. Acta - Part A Mol. Biomol. Spectrosc.*, 221, 117152. [\[Journal article\]](#)
- [3] Reed, S.C., Crites, R.W., and Middlebrooks, E.J., 1995, *Natural Systems for Waste*

- Management and Treatment.*, McGraw-Hill, Inc., New York, USA, p.114. [Books]
- [4]. Chester, A. W., and Chu, Y. F., 1982, U.S. Pat. 4 350 835. [Patents]
- [5]. Villa, R.R., 1999, Corrosion induced by CO₂- and H₂S-saturated steam condensates in the Upper Mahiao Pipeline, Leyte, Philippines, 20th Annual PNOC—EDC Geothermal Conference, New World Hotel, Makati City, Philippines, March 4-5. [Conference papers]
- [6] Rao, C.N.R, and Rao, K.J., 1992, "Ferroics" in *Solid State Chemistry Compounds*, Eds. Cheetam, A.K., and Day, P, P., Clarendon Press, Oxford, pp. 281-96. [Chapter in a Book]