

## Review Form 1.7

Journal Name:	Asian Journal of Physical and Chemical Sciences
Manuscript Number:	Ms_AJOPACS_103366
Title of the Manuscript:	Synthesis of $\text{Cu}_{2-x}\text{Ni}_{0.05}\text{S}$ ( $x = 0.05, 0.25, 0.30$ ) compounds and study of single crystals
Type of the Article	Original Research Article

### General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajopacs.com/index.php/AJOPACS/editorial-policy> )

### PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript) Yes, it is important because search in crystallography</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title) Yes</p> <p>3. <b>Is the abstract of the article comprehensive? Yes</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate? No</b></p> <p>5. <b>Do you think the manuscript is scientifically correct? It needs some corrections</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> It needs another new references</p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b> My suggestions in found it in my comments</p>	<p><b>My comments summarized in the following points:</b></p> <ol style="list-style-type: none"> <li>In introduction Fig (1) don't clear, it need to change with another one.</li> <li>In page 5 line 2 there is no cited references to this paragraph. Therefore the Author must be added some references for confirmation and evidence this sentence.</li> <li>What you mean at 500 per hour?</li> <li>The last paragraph in the same page 5 which was beginning from "The various synthesized .....and ended in the lower zone of the furnace "this paragraph was repeated twice you must delete on of them.</li> <li>Fig. 6. The caption of the three subfigures (2,3) you need to correct it to ( <math>\text{Cu}_{1.75}\text{Ni}_{0.25}\text{S}</math>) and ( <math>\text{Cu}_{1.7}\text{Ni}_{0.3}\text{S}</math>) respectively . Also why these figure without coloured and without arrows for indicate the formed single crystal.</li> <li>Fig.7. also don't clear and not coloured rewrite the composition again, the grain and grains boundary don't clear also.</li> <li>What is the type of microscope used to examine the three samples after preparation? I think the SEM is the preferred one than the optical microscope.</li> <li>Why don't used XRD to examine the prepared sample to identify whether the sample single crystal or not? Please give me the reason.</li> <li>Some of the references I think was nt related to the subject of the paper such as Ref (6, 7, 8, 12, 13, 14) therefore you must use the appropriate and new references.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications? Yes</b></p>		
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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