Review Form 3

Journal Name:	**Chemical Science International Journal**
Manuscript Number:	**Ms_CSIJ_128732**
Title of the Manuscript:	**Synthesis, and characterization of metal transition complexes derived from the Schiff base ligand N,N'-Bis(5-bromosalicylidene)-propane-1,2-diamine (H2L)**
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

https://r1.reviewerhub.org/general-editorial-policy/

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: https://r1.reviewerhub.org/peer-review-comments-approval-policy/
Benefits for Reviewers: https://r1.reviewerhub.org/benefits-for-reviewers

PART 1: Comments

	Reviewer's comment	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.		
Is the manuscript scientifically, correct? Please write here.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

Review Form 3

Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	At the beginning of the abstract(Four new transition metal complexes [Mn(L)(Cl)] (1), [Fe(L)(Cl)] (2), $[Co(L)(H_2O)_2]$ (3), [Ni(L)(H_2O)] (4) and [Cu(L)] (5), are synthesized) but as mentioned in the article, they are 5 transitional element complexes. The article needs a simple linguistic review. The materials and devices used did not mention X-ray diffraction measurements. In the title of (2.4 X-ray structure determination of complex 2 and 5), complexes 2 and 5 were mentioned, while complexes 1 and 5 were measured and interpreted as well as mentioned in the abstract. The method of presenting sources in interpreting X-ray diffraction differs from presenting sources in the rest of the article. Question: Why was the manganese and copper complex chosen in X-ray diffraction measurements? In the complex preparation scheme, the nickel complex was drawn in a square pyramidal geometry because the metal is linked to five bonds, while the complex was mentioned in the abstract as a square planer shape. The coordinated (internal) water molecule must be removed... Scheme 1 In the interpretation of the infrared spectra: The appearance of new (M-N) and (M-O) bonds formed due to the metals being linked to N and O atoms was not mentioned.	

PART 2:

	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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Shaimaa Ahmad Hassn**
Department, University & Country	**AlKarkh University of Science, Iraq**