



SDI Review Form 1.6

Journal Name:	American Chemical Science Journal
Manuscript Number:	Ms_ACSj_20257
Title of the Manuscript:	COMPARISON OF ANALYTICAL TECHNIQUES IN THE CHARACTERIZATION OF COMPLEX COMPOUNDS.
Type of the Article	Review 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	The review article Ms_ACSj_20257 titled COMPARISON OF ANALYTICAL TECHNIQUES IN THE CHARACTERIZATION OF COMPLEX COMPOUNDS explains clearly in a simple way of understanding the analytical technics and its characterisation of complex compounds. These spectral techniques used to identify the complex and elucidate the structure of complex compounds. 1. The major drawback for this paper is, it explains only the theoretical evidences and ranges of the spectral regions and its implicational range . 2. There is a lack in clarity for the NMR spectral evidences. 3. The coordination Number and symmetry of the molecule must to explain in detail This manuscript is theoretical collections of characterisation methods and identification of compounds and is not much novel in its explanation. This paper likely to accept based on the editors decision.	The review compares the analytical methods, listing their advantages and drawbacks. The paper and scope does not cover detailed explanation of molecules, co-ordination number, geometry, spectral characterization and treatment of characterization of individual molecules. The work brings in the novelty of method comparison based on advantages and drawbacks, what each method characterizes and valid information on sample preparation.
<u>Optional/General</u> comments		