

## Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_94535
Title of the Manuscript:	Phytochemical profiling using GC-MS, antioxidant and antidepressant properties of methanolic leaf extract of Clerodendrum polycephalum Baker in Swiss mice
Type of the 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.journalirjpac.com/index.php/IRJPAC/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)
<b>Compulsory</b> REVISION comments	<ul style="list-style-type: none"><li>*Extraction may be carried in Soxhlet apparatus rather than using traditional method. Because most of the biochemical constituents will fail go into the solvent.</li><li>*The main principle involved in the pharmacological activity is not discussed properly, GC- MS pattern showed all the chemical constituents in the crude extract. HPTLC studies would be helpful to identify the responsible flavonoids or any other biochemical constituent.</li><li>*Blood Serum analysis - discussion part may be enhanced for the support.</li><li>*Selection of methanol as a solvent is not justified. May be carried out with series of solvents i.e non polar to polar</li><li>*Pharmacological studies were satisfied</li></ul>	
<b>Minor</b> REVISION comments	To determine the minimum lethal dose, acute oral toxicity studies were not performed as per OECD guidelines.	
<b>Optional/General</b> comments	Since animals were used for pharmacological activity, it is mandatory to produce Animals Research Ethical Committee Certificate.	

### 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:

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