

Review Form 1.6

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_93949
Title of the Manuscript:	Phytochemical profiling and GC-MS analysis of the Methanol extract of Anthocleista grandiflora Wood Bark
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://journalajrb.com/index.php/AJRB/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)
Compulsory REVISION comments		
Minor REVISION comments		
Optional/General comments	<p>In this study methanol bark extract of <i>Anthocleista grandiflora</i> was subjected to preliminary phytochemical analysis using standard methods and the presence of bioactive compounds was determined using Gas chromatography mass spectroscopy (GC-MS). Results showed the presence of flavonoids in high amount, saponins and cardiac glycosides in moderate amount while tannins, phenols, terpenoids and steroids were present in low amounts. Test for alkaloids, glycosides, anthroquinones, pholobatannins and anthrocyannins showed that they were however absent. GC-MS analysis showed plenty bioactive compounds in which Hexadecanoic acid, methyl ester (45%) and 9-Octadecenoic acid (Z)-, methyl ester (43%) were most prevalent. These findings supports its current use by some locals to treat stomach ulcer and further portrays it as having great potential in the treatment of myriads of diseases.</p> <p>Manuscript is very well written. Language is good, figures and tables are correlated. Recommended for publication in the Journal.</p>	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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