Editor's comment :

"**Gmelina arborea root extract as eco-friendly inhibitor of mild steel corrosion in acidic medium (MS JMSRR 42814)**".

Comments on submitted paper

1. Paper brings a relevant issue but needs some additional attention to improve its quality.
2. More than 50% of cited references treat the use of extracts of certain parts of plants as corrosion inhibitors. The authors do not explore properly knowledge presented in this publication to show relevance of research and the new knowledge coming from this research.
3. Line 70: Replace equation [1] by [2].
4. Weight loss method (chapter 2.4) was performed at different temperatures but hydrogen evolution method (chapter 2.5) was performed only at 30°C. In chapter 2.5 temperature was not mentioned. You find it only when you go through the results. Discrepancy should be explained to facilitate comprehension and a better comparison of results.
5. Line 91-92: Estimate of the amounts of components present would be helpful to better effect of different extracts. If available please introduce it. This analysis is normally done on a qualitative way but if quantitative data are available, they would bring more comprehension.
6. Results presented in table 2 should appear before the table 1 in the text, since these results are described as first in the results chapter.
7. Authors present SEM results in chapter 3.5 but SEM experiments have not been described in materials and methods.
8. I was expecting some discussion before conclusion, since a lot of papers describing use of extracts of certain parts of plants as corrosion inhibitors are found in literature. At that stage I hoped to find a small comparison about different extracts studied.

Comments made must be seen as a contribution to improve present manuscript and may be considered where relevant.

Author's feedback :

The manuscript has been revised by incorporating recommendations 1 – 7 suggested by the editor. However, qualitative phytochemical (and not quantitative) analysis was done. But comparison of the extracts has not been done since different articles used different acid co rodents as well as different ranges of extract concentrations. Hence the basis of comparison is not there.