



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Chemical Sciences</a>
Manuscript Number:	Ms_AJOCS_34792
Title of the Manuscript:	STUDIES OF THE INHIBITIVE/ADSORPTIVE BEHAVIORS OF Costus afar LEAVES EXTRACT ON THE GROWTH OF SULPHUR REDUCING BACTERIA AND ANAEROBIC CORROSION OF PIPELINE STEEL CAUSED BY SULPHUR REDUCING BACTERIA
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:

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



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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b><u>Compulsory</u></b> REVISION comments	<p>1.Chernova et al, 2013- Year stated not as in the reference list.</p> <p>2. References list format not consistent.</p> <p>3. To improve the format and english grammar in the manuscript. -My suggestion this manuscript need to be proof read by the professional proof reader. The quality and grammatical error should be corrected.</p> <p>4. to be specific the value need to be used in the equation. Need to mention all the used values i.e <math>K</math>, <math>R</math>, <math>T</math> and others in the equations.</p> <p>6. How the anaerobic medium was prepared also not mentioned in the manuscript.</p> <p>5. Spelling mistake in figure 1.(absorbance not absobance)</p> <p>6. Figure 2 &amp; 3 shown the same data except the unit. what is the unit for (mdd)?</p>	



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<b>Minor</b> REVISION comments	<p>1.Method of extraction was not mention in details. How you obtain the extract? This experiment was conducted using the costus afar leaves (CAL) extract or CAL juice? Need to be more specific in the information regarding the methods.</p> <p>2. There are no discussion was mention and highlighted in the manuscript. -To add more discussion such as analysis of the chemical from the extraction, any active compounds contribute to inhibitor / antimicrobial etc. - to discuss the output from the extraction i.e how much the CAL extract obtain from how many g of raw material.</p> <p>3. it will be better if the manuscript was also supported by the SEM/FESEM and EDX analysis.</p> <p>4. "The microbial influenced corrosion inhibition by the plant extract was as a result of the inhibition of the growth of the <i>Desulphovibrio sp.</i> and or the adsorption of the plant extract molecules on the surface of the metal." -this can be supported if you conducting the experiment with CAL extract + medium as a reference.</p>	
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<b><u>Optional/General</u></b> comments	1. my suggestion to change the title to: THE INHIBITIVE BEHAVIORS OF Costus Afar LEAVES EXTRACT ON SULPHUR REDUCING BACTERIA.	
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**Reviewer Details:**

Name:	<b><i>Arman Bin Abdullah</i></b>
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