



SDI Review Form 1.6

Journal Name:	American Chemical Science Journal
Manuscript Number:	Ms_ACSJ_21662
Title of the Manuscript:	DIELECTRIC STUDY OF PURE PROPAN-1-OL AND PROPAN-2-OL USING DEBYE RELAXATION METHOD
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:

(<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)
Compulsory REVISION comments	1. The English grammar must be improved, e.g. Lines, 28, 33, 51, 75, 115 2. Define all parameters in the Debye and Loss factor equations in Lines 54 and 56. 3. <i>Line 58: Detail of the mathematical derivation of the above equations is shown in our previous paper.....</i> Which previous reference? The authors must give reference for this "previous" paper. 4. The authors must improve on Table formatting so that it is clear to the reader. For example, it's not clear on all the tables which columns correspond to which temperature. 5. The authors must be consistent. In Figures 1-10 the vertical axis has permittivity whereas the legend (as well as the tables) dielectric constant was being used. 6. <i>Line 216. However, the dielectric constant of Propan-1-ol decreases as the temperature increases but that of Propan-2-ol increased at temperature 20°C and then decreased as the temperature increased.</i>	• We have agreed with the reviewer's comments. We also appreciate all the observations made in this paper • The tables were written in that format because we wanted to reduce the volume of this paper. We have changed the format and also moved all the tables to Appendix • The graphs were also plotted that way because we wanted to observe the effect of frequency variation against the dielectric constant and loss factor. However, the graphs have been re plotted again as suggested by one of the reviewer.



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	Is this statement true for all frequencies? If not the authors must indicate the frequency for which this is true. Maybe a graph(s) or table(s) of dielectric constant vs. Temperature (for a given frequency) would have been more informative. 7. <i>Line 226: Propan-1-ol has the highest value of dielectric constant when compared with 227 Propan-2-ol at the same frequencies and temperatures.</i> The authors must quote these specific values here to give more information to the reader.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		