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SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Physical Science International Journal
Manuscript Number:	**Ms_PSIJ_27742**
Title of the Manuscript:	**The Dielectric behavior of Acetone and Dimethylformamide in Electric Field**
Type of Article	**Original Research Article**

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	**Authors' response to final evaluator's comments**
$\varepsilon'' = \frac{\sigma}{\omega \varepsilon_o}$ (19) σ = Electrical conductivity of the material ω = Angular frequency ε_o = Permittivity of free space = $8.854 \times 10^{-12} F/m$ The complex permittivity for acetone at 10°C calculated as shown below: $\varepsilon' = \varepsilon_\infty + \frac{1}{\tau}\left(\frac{\varepsilon''}{\omega}\right) = 22.21 = \varepsilon_\infty + \frac{1}{9.22 \times 10^{-11}}\left(\frac{0.78}{6.284 \times 10^{8}}\right)$ $\varepsilon_\infty = 22.21 - 13.52 = 8.69$ And that of dimethylformamide at 20°C was also calculated as follows: $\varepsilon' = \varepsilon_\infty + \frac{1}{\tau}\left(\frac{\varepsilon''}{\omega}\right) = 38.45 = \varepsilon_\infty + \frac{1}{1.0747 \times 10^{-11}}\left(\frac{0.24}{6.284 \times 10^{8}}\right)$ $\varepsilon_\infty = 38.45 - 35.54 = 2.91$ Author should write in this way: • Where, σ is the Electrical conductivity of the material and ω is the angular frequency and is equals to 6.284×10^{28}……. • The complex permittivity for acetone at 10°C was found to be 8.69. No need to show the calculations. Just express it in text.	

Reviewer Details:

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