

Review Form 1.7

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_119992
Title of the Manuscript:	Study on Micro Structural Properties of Sodium in Na ₂ O - Doped SiO ₂ Melt using Molecular Dynamics Simulation
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:

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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. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	Yes Yes Yes Yes --	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	The English of the manuscript should be revised thoroughly in order to correct the types and grammatical mistakes.	
Optional/General comments	1. Abstract needs to be modified by why we use molecular dynamics simulation method to investigate micro-structural properties of sodium in Na ₂ O-doped SiO ₂ importance of. Insert some background sentences 2. Please discuss about other reported works of silica (SiO ₂) shortly in introduction section. Authors are suggested to incorporate few important references mentioned below to provide a clear background. 1. https://doi.org/10.1515/gps-2022-0063 2. DOI: 10.24294/ace.v4i1.747 3. http://hdl.handle.net/10603/209106	

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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