

Review Form 1.6

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_78654
Title of the Manuscript:	Synthesis and Characterization of Barium-Iron Oxide Based Neodymium, Gadolinium and Praseodymium Doped Ceramic Materials
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:

(<https://www.journalajocs.com/index.php/AJOCS/editorial-policy>)

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	<p>It is necessary to add in the introduction the methods of synthesis of materials in particular the sol gel with bibliographical references. Some reference to add:</p> <p>N. Saffaj, S. Alami Younssi, M. Persin, M. Cretin, A. Albizane, A. Larbot, Processing and characterization of TiO₂/ZnAl₂O₄ ultrafiltration membranes deposited on tubular support prepared from Moroccan clay, Ceramics International 31 (2005) 205-210. https://doi.org/10.1016/j.ceramint.2004.05.001</p> <p>T. Van Gestel, C Vandecasteele, A. Buekenhoudt, C. Dotremont, J. Luyten, R. Leysen, B. Van.der.Bruggen, G. Maes, salt retention in nanofiltration with multilayer ceramic TiO₂ membranes, J. Membr. Sci 209 (2002) 379-389. https://doi.org/10.1016/S0376-7388(02)00311-3</p>	
Minor REVISION comments	Correct in all the manuscript cm ⁻¹ by cm ⁻¹	
Optional/General comments	Nothing to report	

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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?	(If yes, Kindly please write down the ethical issues here in details)	

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