

### Review Form 3

Journal Name:	<b>Chemical Science International Journal</b>
Manuscript Number:	<b>Ms_CSIJ_123579</b>
Title of the Manuscript:	<b>DETERMINATION OF LANTHANUM IN LANTHANUM DIOXYCARBONATE DRUG SUBSTANCE BY POTENTIOMETRIC TITRATION</b>
Type of the Article	<b>Original Research Article</b>

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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**PART 1: Review Comments**

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Although the focus is very specific, it is important in science and medicine. Because any such work requires time and resources. At the same time, each system needs precision and further development and improvements.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Abstract: <ul style="list-style-type: none"> <li>I would already introduce abbreviations ... lanthanum (LAN) in lanthanum dioxycarbonate (La<sub>2</sub>O<sub>2</sub>CO<sub>3</sub>) drug substance through potentiometric...</li> <li>..rigorous analytical method validation (AMV)....</li> </ul>	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<p><b>INTRODUCTION</b></p> <ul style="list-style-type: none"> <li>...lanthanum dioxycarbonate (La<sub>2</sub>O<sub>2</sub>CO<sub>3</sub>) holds...</li> <li>lanthanum dioxycarbonate (La<sub>2</sub>O<sub>2</sub>CO<sub>3</sub>) with a known concentration of an ethylenediaminetetraacetic acid (EDTA) solution.</li> <li>analytical method validation (AMV) <b>Whether you use the abbreviation throughout the text or the long term.</b></li> </ul> <p><b>DETAILS OF DRUG PRODUCT</b></p> <ul style="list-style-type: none"> <li>There could also be a nice introductory sentence and a reference to the Figure in main text.</li> </ul> <p><b>CHEMICALS, REAGENTS, STANDARD, AND SAMPLES USED</b></p> <ul style="list-style-type: none"> <li>The standard/sample used for the analysis is Lanthanum Dioxycarbonate. <b>Correct through the text how to mark it. Either uppercase or lowercase.</b></li> </ul> <p><b>REFERENCE FOR METHOD VALIDATION</b></p> <ul style="list-style-type: none"> <li>International Council for Harmonisation guidelines for Method Validation Q2 (R1). <b>Add reference.</b></li> <li>United States Pharmacopeia guidelines, specifically USP &lt;1225&gt;. <b>Add reference.</b></li> </ul> <p><b>MATERIALS AND METHODS</b></p> <ul style="list-style-type: none"> <li>The La<sub>2</sub>O<sub>2</sub>CO<sub>3</sub> was synthesized by a conventional.... <b>blank</b>; The lanthanum dioxycarbonate (La<sub>2</sub>O<sub>2</sub>CO<sub>3</sub>) was synthesized by a conventional...</li> </ul> <p><b>Reagent And Apparatus Details</b></p> <ul style="list-style-type: none"> <li><b>Specify the purity levels of the materials.</b></li> <li>22.6 mL <b>The result and the unit would be on the same line.</b></li> <li>Hydrochloric acid solution was prepared....Hydrochloric acid (HCl) ...</li> <li>Following this, a NaOH solution.... Following this, a sodium hydroxide (NaOH) solution</li> <li>molecular weight of calcium carbonate (100.09 g/mol) ... molecular weight of calcium carbonate (CaCO<sub>3</sub>) (100.09 g/mol) and add reference</li> <li>number the equations</li> </ul> <p><b>RESULTS</b></p>	

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	<ul style="list-style-type: none"> <li>...method for LAN content in lanthanum dioxycarbonate drug substance, the ability to identify ... again, monitor the use of terms and abbreviations throughout the work</li> <li>The figure titles are academically below the figure, not above.</li> <li>References to all figures should also be included in the text.</li> </ul> <p><b>DISCUSSION</b> In the data interpretation, the yellow color of the solution at the endpoint indicated the absence of the active moiety (LAN). <b>What exactly is meant here or what information does it provide?</b></p>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<ul style="list-style-type: none"> <li>References must be added.</li> </ul>	
Minor REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	<ul style="list-style-type: none"> <li>It remained unclear who the authors are.</li> <li>What are keywords?</li> <li>Academic English can be improved.</li> <li>In addition, a diagram or drawing of the entire procedure to better follow. In doing so, bring the text and results together.</li> <li>Since not all readers read the text from top to bottom, it is definitely worth using key terms and their abbreviations in different chapters</li> <li>The summary can be improved.</li> </ul>	
Optional/General comments		

**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>	

**Reviewer Details:**

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