



SDI Review Form 1.6

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| Journal Name: | Advances in Research |
| Manuscript Number: | Ms_AIR_19843 |
| Title of the Manuscript: | Development and Validation of a Complexometric Titration Method for the Determination of Rosuvastatin Calcium in Raw Material. |
| Type of the Article | Short Communication |

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 <i>(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)</i> |
|--|--|---|
| <u>Compulsory</u> REVISION comments | What does it mean: "Due to the need for an absolute analytical technique for rosuvastatin calcium". It is not known from the article what methods are recommended for API rosuvastatin calcium in pharmacopoeias. Only these methods will be used as independent methods for all purposes. | |
| <u>Minor</u> REVISION comments | Some parts are too obvious, e.g.: An organic agent that has two or more groups capable of complexing with a metal ion is called a chelating agent. The complex is a chelate. Titration is called a chelometric titration, which is a particular type of complexometric titration. A pair of unshared electrons is located on each of the two nitrogen atoms and each of the four-carboxyl groups. There are six complexing groups in EDTA. The EDTA is represented by the symbol H ₄ Y. It is a tetraprotic acid. The four hydrogens in the formula refer to the four acidic hydrogens on the four-carboxyl groups [23]. The amount of rosuvastatin calcium recovered in relation to the added amount was calculated. | |
| <u>Optional/General</u> comments | | |

Reviewer Details:

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|----------------------------------|---|
| Name: | Anonymous |
| Department, University & Country | Medical University of Lublin, Poland |