

Current Pharmaceutical Analysis

Manuscript Evaluation Form

Editor-in-Chief: Anastasios Economou, Department of Chemistry, Laboratory of Analytical Chemistry, University of Athens, Athens, Greece

PAPER TITLE	SIMULTANEOUS DETERMINATION OF CHOLECALCIFEROL AND 25- HYDROXYCHOLECALCEFEROL IN LIPID-BASED SELF-NANOEMULSIFYING FORMULATIONS AND MARKETED PRODUCT VI-DE 3[®] BY UHPLC-UV
AUTHOR(S) NAME	Ibrahim Aljuffali, Fahad Almarri, A F M Motiur Rahman, Fars K. Alanazi, Musaed Alkholeif and Mohsin Kazi

Sec. A: REFEREE'S ASSESSMENT

(cross as appropriate)

Criterion	Excellent	Good	Fair	Poor
Originality of the topic	x			
Technical Quality		x		
Importance in its Field	x			
Style & Overall Representation		x		
Readily Understandable	x			
Suitability for the Journal	x			
Adequate Illustrations or Drawings	x			
English language		x		
Description	Yes	No	Comments/ Suggestions	
Does the title represent manuscript's contents?	x			
Is the Abstract accurate and concise?	x			
Are the approach/ methods properly described?	x			
Are the conclusions and interpretations sound?	x			
Are the references properly cited?	x			
Is this a new/ original/ contribution?	x			
Is it within the scope of the journal?	x			
Overall the Paper is Rated:	(Excellent ----- Poor) 10 9 8 7 6 5 4 3 2 1			

Sec. B: REFEREE'S RECOMMENDATIONS

OTHER SPECIFIC CRITICISMS

Accept with minor changes

x

Imperfect style

x

Accept with major changes

Too long

Reject in current form, but may be resubmitted

References incorrectly presented

Reject, with no resubmission

Typographical and Grammatical errors

PAPER TYPE: Research article

Review article

Letter article

BENTHAM SCIENCE PUBLISHERS:

Bentham Science Publishers
 Executive Suite Y-2, P.O. Box 7917, Saif Zone, Sharjah, U.A.E.
 Fax Nos: + 215-3109757 (USA) , + 971-6-5571134 (UAE)
 Please send your comments via email at: cpa@benthamscience.org

Confidential Comments to the Editor (not for Transmission to Authors):

This article is within the scope of the journal and suitable for publication after some revision.

Comments for the Authors (continue on another sheet, if necessary):

Review of the article entitled

SIMULTANEOUS DETERMINATION OF CHOLECALCIFEROL AND 25-HYDROXYCHOLECALCIFEROL IN LIPID-BASED SELF-NANOEMULSIFYING FORMULATIONS AND MARKETED PRODUCT VI-DE 3[®] BY UHPLC-UV, by Ibrahim Aljuffali, Fahad Almarri, A F M Motiur Rahman, Fars K. Alanazi, Musaed Alkholeif and Mohsin Kazi

In this study, a selective, precise, fast and economical reverse phase ultra-high-performance liquid chromatography (UHPLC UV) advanced method was developed and validate for the simultaneous determination of cholecalciferol and its analogue 25-hydroxycholecalciferol. The obtained results indicated that the current method is suitable for their quantitative determination, due to the good selectivity, in lipid-based self-nanoemulsifying formulation (SNEDDS) and commercial Vi-De 3[®] product.

This article is within the scope of the journal and suitable for publication after some revision.

The English language has to be improved at some places.

In the abstract, state: The elution was carried out isocratically with the mobile phase consisting of acetonitrile and methanol in the ratio of 50:50, v/v, at the flow rate of 0.4 ml/min, followed by the UV detection at 265 nm.

Use either in the ratio of 50:50, v/v or (50:50, v/v) in the entire manuscript

On page 3, line 9, the correct spelling is under-mineralized

On page 5, line 18, replace wavelength in the UV detector, instead of detection wavelength in UV

On page 6, Standard stock solution was prepared by dissolving 50 mg of accurately weighted cholecalciferol and its analogue 25-hydroxycholecalciferol, each powder in 50 ml of methanol

Move the last subheading to the next page.

On page 7, line 4, state: until complete dissolving or until it dissolved completely

Line 12, the correct spelling is analyzed, as well as on page 12, line 6

On page 9, line 20: The standard error of mean (SEM \pm) was used to express the data.

On page 10, lines 9 and 10, standard solution of cholecalciferol & 25-hydroxycholecalciferol at the concentration of 10 ppm (3B)

Line 11, marketed product Vi-De3[®] (3E) should be added after drug-containing lipid SNEDDS sample (3D)

On page 11, place in the same line 10, the entire equation

$$y = 0.0866x - 0.0034 \text{ for 25-hydroxycholecalciferol}$$

Move to the next page the last subheading from page 13.

BENTHAM SCIENCE PUBLISHERS:

Bentham Science Publishers

Executive Suite Y-2, P.O. Box 7917, Saif Zone, Sharjah, U.A.E.

Fax Nos: + 215-3109757 (USA), + 971-6-5571134 (UAE)

Please send your comments via email at: cpa@benthamscience.org

On page 14, add comma before such as
State the complete term and the abbreviation at the first place where it appears in the manuscript, in the rest of the text use either the abbreviation or full term.
Use one space between the numbers and units of measure in the entire manuscript, as well as symbol h or the abbreviation hrs. for hours
Place the Figures and Tables at the first place where they are mentioned, and state their numbers in the adequate order, as they appear in the manuscript.
For example, the correct number of Figure 3 on page 10 should be Figure 2; this figure is mentioned before current Figure 2 on page 11, which should be Figure 3.
Table 3 on page 13 is mentioned before Table 2 on page 15, their numbers should be changed.
The quality of current Figure 2 can be improved.
Put the points after the legends of Figures 1-4.
Delete the points after the captions of Tables 2 and 3.
Add the numbers of issues to the references 1, 5, 6, 8, 9, 10 and 14, if available.
Format the entire manuscript uniformly, according to the style of the journal.

FIELD OF EXPERTISE OF REFEREE: Materials and chemical technologies, nanotechnologies, biomedical engineering, chemistry, medicinal and pharmaceutical chemistry

Name & Affiliation of referee: Tamara Jovanovic, Department of Biomedical Engineering, Faculty of Mechanical Engineering, University of Belgrade, Kraljice Marije 16, 11120 Belgrade, Serbia

Dr Tamara Jovanovic / March 18, 2019

SIGNATURE OF REFEREE / DATE

BENTHAM SCIENCE PUBLISHERS:

Bentham Science Publishers

Executive Suite Y-2, P.O. Box 7917, Saif Zone, Sharjah, U.A.E.

Fax Nos: + 215-3109757 (USA) , + 971-6-5571134 (UAE)

Please send your comments via email at: cpa@benthamscience.org