

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 Eight Potential Q-Markers in Zishen Tongguan Capsules Based on UHPLC-MS / MS
AUTHOR(S) NAME	Shun Liu, Xun Wang, Kaiping Zou, Wei Liu, Cunyu Li, Yunfeng Zheng, Qinmei Zhou, Guoping Peng

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 -8----- 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

x

PAPER TYPE: Research article

Review article

Letter article

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

The 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 Eight Potential Q-Markers in Zishen Tongguan Capsules Based on UHPLC-MS / MS, by Shun Liu, Xun Wang, Kaiping Zou, Wei Liu, Cunyu Li, Yunfeng Zheng, Qinmei Zhou, Guoping Peng

In this study, a new, sensitive and specific ultra-high performance liquid chromatographic-tandem mass spectrometric (UHPLC–MS/MS) method for the simultaneous determination of eight potential Q-Markers of Zishen Tongguan (ZSTG) was developed and validated. The results of the investigation indicated that the application of UHPLC–MS/MS technology provides a rapid, accurate, precise and convenient method for the determination of multi-components (Q-Markers) with certain pharmacological activity in the Chinese herbal compound preparation.

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

The English language has to be improved.

For example, on page 7, in the paragraph 2.3 Sample preparation, state: with 10 ml of methanol-water solvent (50:50, v/v), for 30 min. The extract was diluted to the full volume with the extraction solvent.

10 µl of the filtrate was transferred into a 1.5 ml centrifuge tube; 2 µl of supernatant was injected

On page 8, by a gradient elution with the mobile phase system

On pages 10 and 11, at the flow rate of 0.2 ml/min, with the abovementioned gradient

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, as well as at the adequate places in the manuscript, between some words and numbers.

The quality of Figures 1 and 2 should be improved, resolution or font of letters and numbers increased.

Parts of Figure 1 can be arranged vertically and enlarged.

Put the points after the legends of Figures 1, 2 and 3.

Move subheading 2.4 to the next page and delete empty page 26

Caption of Table 2 should be

The intra-day precision, repeatability and stability of the 8 analytes in ZSTG

The alignment should be corrected in Table 2 and 3.

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For example, In Table 2, place in two lines

Analytes	Precision (n=6) RSD (%)	Repeatability (n=6) RSD (%)	Stability (n=6) RSD (%)
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Place in the same line Berberine hydrochloride and Palmatine hydrochloride within this table.

In Table 3, place in two lines

Analytes	Spiked amount (μg)	Mean recovery (%)	RSD (%)
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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 / February 2, 2019
SIGNATURE OF REFEREE / DATE