

[Review Form2](#)

Book Name:	Chemical and Materials Sciences -Developments and Innovations
Manuscript Number:	Ms_BPR_1880
Title of the Manuscript:	Certification of a Multicomponent Reference Material from Natural Gas Mixture by Gravimetry and Dual GC-FID/TCD System
Type of the Article	Book chapter

PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	This manuscript beneficial for the scientific community because the natural gases are the much efficient fuel in nature.So, its preparation and justification is much necessary for the scientific world using some advanced calibration technique such as Gravimetry and Dual GC-FID/TCD System.	
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 addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is good but do not use too much short form in the abstract.	
Are subsections and structure of the manuscript appropriate?	Yes, the subsections and structure of the manuscript is appropriate.	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound?Minimum 3-4 sentences may be required for this part.	• Write full form such as GC-FID/TCD, NMI and NIR. • The line in the introduction section “The possible interferences of other components on the measurement of the analyte under consideration should be considered by the user and taken into account.” Appears some grammatically mistake in the sentence. Check and improve this. • In section 2.2. Gravimetric Preparation of the NG Mixture the line “In this preparation, a primary • standard mixture, PSM A was prepared by dilution from pure helium and hydrogen.”this also has some grammatical mistake . Rewrite this. • What is the unit of ‘Peak area’ in Figure 3, 4 and 5. • Check the status of the line in figure 7,8, 9, the written equation in the graph does not verify the nature of the curve drawn. So,check once and improve them. • In equation (12) what ‘t_{cert}’ represent include this also.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. =	The references are not updated add more references of the recent articles.Also provide the DOI of the reference 20.	

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Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?	The language is good but some improvement is necessary for quality article.	
Optional/General comments	NA	

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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