

Review Form2

Book Name:	Science and Technology - Recent Updates and Future Prospects
Manuscript Number:	Ms_BPR_2062
Title of the Manuscript:	Calibration of Analytical Instruments as Per ICH & USFDA Guidelines
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 a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	It is a very interesting Guide for Calibration of Spectroscopic Instrumentation.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, it is.	
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.	Yes, it is.	
Are subsections and structure of the manuscript appropriate?	Yes, it is.	
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 minimumof 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

Review Form2

Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The English writing should be revised.	
Optional/General comments	It is a manuscript that develops a Guide for Instrument Calibration. It is for a wide readers perspective. So, it is of high impact within Analytical Instrumentation. However, please consider the following comments and suggestions: i) In the title the abbreviations should be avoided. ii) In the control of absorbance there is missing information related to standard value to compare. Please check that and procedures assigned as well. iii) Please check in all the protocols the required instrument stabilization previous measurements. If it is over understood that, as well it should be mentioned. iv) In the IR calibration instrument it should be contemplated the state the sample analyzed; such as solid, liquid, or gas. Different protocols should be contemplated. In similar manner other techniques. And if these are general guidelines, it should be clarified with the addition of comments or introduction for each technique. v) The HPLC stabilization is very important previous any chromatography run. It is suggested to add some comment related. vi) The control if the columns used for chromatography is very important for the measurements and further parameters of control. Please check that vii) In the Fluorescence control it is suggested to add a basic standard solution as reference and control of the lamp power decay with pass of time. Moreover, please check the procedure and targeted objective in the quenching evaluation. viii) The stabilization of the flame is very important in the Atomic Abs tech. Unless mention related with the switch on and stabilization of all instruments is need it. Please evaluate that.	

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)	

Reviewer Details:

Name:	Guillermo Bracamonte
Department, University & Country	National University of Cordoba, Argentina