



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_48110
Title of the Manuscript:	SIMULTANEOUS QUANTIFICATION OF ACETAMINOPHEN-(PARACETAMOL), CAFFEINE AND, IBUPROFEN IN FIXED DOSE COMBINATION DRUG USING HPLC WITH UV DETECTION
Type of the Article	Original Research Article

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 (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)
Compulsory REVISION comments	<p>1- Title ; acetaminophen (USP name) and paracetamol (BP) <u>remove one of the two names</u></p> <p>2- There is similar paper already published in Anal Chem Ind J, Volume: 17(1) (Validated Isocratic/Gradient RP-HPLC for Simultaneous Estimation of Paracetamol Ibuprofen and Caffeine in Marketed Formulations Using Diclofenac as Internal Standard) <u>Please illustrate that in both introduction and discussion and focus in what are the advantages of your method over the recently published one.</u></p> <p>3- There also electrophoresis paper for simultaneous analysis of the mentioned drugs (Simultaneous determination of caffeine, paracetamol, and ibuprofen in pharmaceutical formulations by high-performance liquid chromatography with UV detection and by capillary electrophoresis with conductivity detection: Liquid Chromatography) March 2015Journal of Separation Science 38(10) DOI: 10.1002/jssc.201401387; <u>please mention it in introduction</u></p>	<p>1. BP –name removed</p> <p>2. Correction effected.</p> <p>3. Papers referenced in revised manuscript.</p>
Minor REVISION comments	<p>1- Why did you choose piractam as internal standard ? internal standard should be similar in chemical structure ? what is available in lab is also accepted ,</p> <p>2- Table 1 ; please make star about selected mobile phase * 85:15</p> <p>3- In discussion, you mentioned only study of different mobile phases , what about flow rate , selected wavelength , types of different stationary phase</p> <p>4- Abstract ; $r^2 = 0.99$) ; r correlation coefficient = 0.99x , it should be not less than 3 digit after decimal ; write average of r or range .</p> <p>5- Reagent and materials ; you should mention (town , country) for each chemical or instrument</p> <p>6- Table 3; illustrate the unit of concentration $\mu\text{g/ml}$.</p>	<p>1. Piroxicam was chosen because: it was the only compound available in the lab that could give a good resolution with the compounds of interest within the shortest possible time; the other compounds of similar chemical structure, where taking a longer time to elute, which incidentally will increase the duration of analysis of the components of interest. And for routine analysis such a procedure will not ensconced manufacturing industries.</p> <p>2. Correction effected.</p> <p>3. Discussion text revised now.</p> <p>4. Correction effected.</p> <p>5. Town and country of Chemicals have been stated in the revised text.</p> <p>6. Units of concentration illustrated in revised text.</p>
Optional/General comments	1-Future research plane after discussion	

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)	