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|   | Journal Name:            | Chemical Science International Journal  |  |
|   | Manuscript Number:       | Ms_CSIJ_47236   |  |
|   | Title of the Manuscript: | Method validation for determination of metformin hydrochloride in pharmaceutical formulations by capillary electrophoresis with cap detection |  |
|   | Type of the Article      | RESEARCH ARTICLE  |  |

# General guideline for Peer Review process:

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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)

## PART 1: Review Comments

|                                     | Reviewer's comment  | Author's comment (if agreed with<br>part in the manuscript. It is manda |
|-------------------------------------|---|---|
| <u>Compulsory</u> REVISION comments | <ul> <li>Line 53 term "Optimized" should be deleted (if NOT then justify why?)</li> <li>Line 104 specify ultrasonic water bath model and manufacturer</li> <li>Line 110 specify brand name with manufacturer.</li> <li>111 why 1000 mL dissolution media was taken?</li> <li>Coding for product A, B &amp; C is very confusing so it should be specified first whether that are immediate release or SR/CR dosage form.</li> <li>"Min" should be replaced by "m".</li> <li>Method validation should be discussed in methodology .</li> <li>Methodology section should be revised as it is not in contrast of result and discussion section.</li> <li>Line 119 'Optimization of C<sup>4</sup>D and instrumental conditions" should be revised because without discussion of method developed how could anyone OPTIMIZE the work.</li> <li>Under methodology pH of dissolution media is 6.8 while in methodology it is 6.1.</li> <li>Line 160 why did you mention only 2 values for LOD and LOQ (0.049 and 0.15 µg mL<sup>-1</sup>, respectively) whether testing is being done for 3 products.</li> <li>Figure and table numbers cited in text are mismatched.</li> <li>Why references added in introduction sections to increase their number check line no. 38, 44 &amp; 51 absorption <i>[7-18]</i>, MS detection [4, <i>20-25</i>] etc.</li> </ul> |   |
| Minor REVISION comments             | <ul> <li>Line 10 Is "i.d." standard abbreviation?</li> <li>Line 23 revise the sentence.</li> <li>Line 56 sentence should be reframed.</li> <li>Line 103 &amp; 104 should be reframed.</li> <li>Check figure no. cited in the text.</li> </ul>   |   |
| Optional/General comments           |   |   |

### PART 2:

|  |   | Author's comment (if agreed with re<br>in the manuscript. It is mandatory that |
|--|---|--|
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) |  |

# **Reviewer Details:**

| Name:                            | Vijay Sharma           |
|----------------------------------|------------------------|
| Department, University & Country | IFTM University, India |

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