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REVIEWER'S REPORT

Manuscript No.: IJAR-53007

Date: 25.07.25

Title: Analytical Review and Validation of a Novel UV- Spectrophotometric Method for Ivabradine Estimation in Bulk and Dosage Forms

Recommendation:

Accept as it is YES

Accept after minor revision...

Accept after major revision

Rating	Excel.	Good	Fair	Po
Originality		√		
Techn. Quality			√	
Clarity		√		
Significance		√		

Reviewer Name: PROF DR DILLIP KUMAR MOHAPATRA

Date: 25.07.25

Detailed Reviewer's Report

This study presents a novel UV-Visible spectrophotometric method for the estimation of Ivabradine in bulk and pharmaceutical dosage forms using Ferric phenanthroline as a complexing agent. The method is validated according to ICH guidelines and demonstrates excellent linearity, accuracy, precision, and robustness.

Implications for Practice

- **Pharmaceutical Quality Control:** The method can be applied for routine quality control of Ivabradine in pharmaceutical industries.
- **Cost-Effective:** The method is cost-effective and environmentally friendly.

Future Research Directions

- **Method Comparison:** Further studies could compare the proposed method with existing chromatographic methods.
 - **Application to Other Formulations:** The method's applicability to other pharmaceutical formulations, such as injectables or topical preparations, could be explored.
- A similar study on Ivabradine hydrochloride and Metoprolol Succinate in tablet dosage form has been reported, showcasing the potential of UV spectroscopy in pharmaceutical analysis.