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REVIEWER□S REPORT

Manuscript No.: IJAR-54353 **Date: 15/10/2025**

Title: Development and Validation of Analytical Method for Simultaneous Estimation of Empagliflozin and Linagliptin in Tablet Dosage Form

Recommendation:
Accept as it is □□✓□□..
Accept after minor revision□□□□
Accept after major revision □□□□□
Do not accept (*Reasons below*) □□□

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality	✓			
Clarity	✓			
Significance		✓		

Reviewer Name: Sakshi Jaju **Date:** 15/10/2025

Reviewer□s Comment for Publication.

The study focuses on developing a simple, cost-effective, and reliable UV-spectrophotometric method for the simultaneous estimation of Empagliflozin and Linagliptin in bulk and tablet dosage forms. Ethanol was used as a solvent, and λmax values were found at 222.80 nm for Empagliflozin and 294 nm for Linagliptin.The method proved to be sensitive and reliable for routine pharmaceutical analysis.

Strengths:

1. Method is simple, cost-effective, and uses easily available equipment.
2. Comprehensive validation according to ICH guidelines ensures reliability.
3. Demonstrates high accuracy, precision, and reproducibility.
4. Suitable for routine quality control in pharmaceutical industries.

Weaknesses:

1. UV spectrophotometry may show less specificity compared to advanced methods
2. The study uses a limited range of solvents and doesn't explore degradation analysis.
3. Lack of comparison with other analytical methods for broader validation.

Overall Assessment:

This is a well-structured and scientifically sound article. It provides a validated UV method that is both practical and accurate for simultaneous estimation of Empagliflozin and Linagliptin.

Recommendation:

Manuscript accepted for the publication.