

**ANALYTICAL METHOD VALIDATION FOR ASSAY OF  
OMEPRAZOLE IN OMEPRAZOLE CAPSULES**

**BY  
UV-SPECTROPHOTOMETER**

**RESEARCH PROJECT SUBMITTED TO  
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**



**FOR THE DEGREE OF**

**MASTER OF SCIENCE**

**IN**

**ORGANIC CHEMISTRY**

**UNDER THE FACULTY OF SCIENCE**

**BY**

**Miss. Vaishali Kondaji Gunjal**

**UNDER THE GUIDANCE OF**

**Mrs. K.N. More**

**DEPARTMENT OF CHEMISTRY**

**G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE, SINNAR  
422103**

**Year- 2024-25**



Maratha Vidya Prasarak Samaj's

G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE,  
SINNAR, DIST- NASHIK  
**DEPARTMENT OF CHEMISTRY**

This is to certify that the work incorporated in the project entitled-  
Topic name: **ANALYTICAL METHOD VALIDATION FOR ASSAY OF OMEPRAZOLE  
IN OMEPRAZOLE CAPSULES BY UV-SPECTROPHOTOMETER**

Was satisfactorily carried out by **Miss. Vaishali Kondaji Gunjal** of M.Sc.II Organic Chemistry.  
He has completed this project under my supervision and guidance during Academic Year 2024 -  
2025. This project work submitted by his original and the scientific information obtained from  
other sources have been acknowledged.

*K. N. More*  
24/04/25  
**Mrs. K.N More**  
(Project Guide)





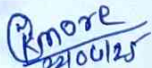
Maratha Vidya Prasarak Samaj's  
G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE,  
SINNAR, DIST- NASHIK  
DEPARTMENT OF CHEMISTRY

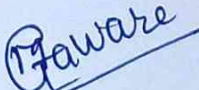
## CERTIFICATE


This is to certify that PG dissertation entitled **ANALYTICAL METHOD VALIDATION FOR ASSAY OF OMEPRAZOLE IN OMEPRAZOLE CAPSULES BY UV-SPECTROPHOTOMETER** submitted by **Miss. Vaishali Kondaji Gunjal** and it was carried out by the candidate under the supervision of **Mrs. K.N More**. He has successfully completed the project work in Organic Chemistry (**CHO-681**) during the Sem-IV of academic year 2024-2025.

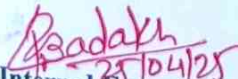
Date: 22/04/25

Place: Sinnar

  
Mr. K.N More  
(Project Guide)

  
Prof. (Dr.) M.R. Gaware  
DEPARTMENT OF CHEMISTRY  
G.M.D. Arts, B.W. Commerce  
and Science College, Sinnar

  
Prof. (Dr.) N.U. Patil  
(Principal)  
**PRINCIPAL**  
G.M.D Arts, B.W.Commerce and  
Science College, Sinnar, Dist. Nashik

  
Internal Examiner

  
External Examiner

  
External Examiner

## DECLARATION

I hereby declare that the presented Research Project on **ANALYTICAL METHOD VALIDATION FOR ASSAY OF OMEPRAZOLE IN OMEPRAZOLE CAPSULES BY UV-SPECTROPHOTOMETER** is uniquely prepared by me at ARNI Analytical Center Nashik under the guidance of Mrs. K.N More.

I would like to thank Dr. V.P. Sunap (M.A.B., Arts, B.W. Commerce) and Dr. A.K. Sutar, Sinnar, for providing me with the necessary financial, infrastructural and technical support for this project.

I respect and am grateful to my Respected Principal Prof. Dr. A.C. Patil for his continuous support and encouragement in doing the project and giving me the freedom and guidance to complete the project successfully.

I would like to thank my HOD, Dr. A.C. Patil for his continuous support and guidance during the project.

I would like to thank Mr. R.N. More, Project Director, for his continuous encouragement, insightful feedback and support guidance that helped me to navigate through the various challenges of this project.

I would like to thank all the faculty members of the Department of Chemistry and the supporting staff for supporting me with the theoretical and practical knowledge necessary to complete this project.

I would like to thank my classmates and colleagues for their feedback, suggestions, and stimulating discussions that helped me to complete this project.

Place: Sinnar

Date: 22/04/2025

Sign- Vaishali  
Name- Vaishali Kondaji Gunjal