



Faculty of Pharmacy

The Maharaja Sayajirao University of Baroda
(Accredited Grade "A" by NACC)

Kalabhavan Campus, Vadodara-390001, INDIA

Ph.: (+91-265) 2434187 dean-pharmacy@msubaroda.ac.in

www.msubaroda.ac.in

Department of Special Assistance, University Grants Commission

CERTIFICATE

This is to certify that the research work embodies in this thesis entitled "*Study on Impurity Profiling and Characterization of Major Degradation Products for Selected Anti-Tuberculosis Drugs.*" Submitted in partial fulfillment to the requirement for the award of degree of **Doctor of Philosophy** (Ph.D.) in Pharmacy from Faculty of Pharmacy, The Maharaja Sayajirao University of Baroda, Baroda Gujarat-390002 is a bonafide work carried out by **Ms. Pragati Vanavi (Reg. no. FOPH/13)** under my supervision during the period of 2017-2021 and no part of this work has been previously submitted for any degree.

Date:

Research Guide

Place: Vadodara, Gujarat.

Prof. (Mrs.) Sadhana J. Rajput

Head

Department of Pharmacy

Dean

Faculty of Pharmacy

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CERTIFICATE

This is to certify that the following publications have arisen out of the research work carried out by me and Ph.D. student Ms. Pragati J Vanavi who wishes to submit the thesis entitled, "*Study on Impurity Profiling and Characterization of Major Degradation Products for Selected Anti-Tuberculosis Drugs.*" Submitted in partial fulfillment to the requirement for the award of degree of **Doctor of Philosophy** (Ph.D.) in Pharmacy from Faculty of Pharmacy, The Maharaja Sayajirao University of Baroda, Baroda, Gujarat- 390002.

Date:

Research Guide

Place: Vadodara, Gujarat.

Prof. (Mrs.) Sadhana J. Rajput

Paper Publications:

1. **Ms. Pragati J Vanavi**, Prof. (Mrs.) Sadhana J Rajput. Impurity profiling of first line anti-TB drug-Terizidone using chromatographic and related techniques. **International Journal of Pharmacy and Pharmaceutical Research (IJPPS)**. 2021; 13 (5): 83-95. <https://doi.org/10.22159/ijpps.2021v13i5.40918>. Publisher: Innovare academic sciences
2. **Ms. Pragati J Vanavi**, Prof. (Mrs.) Sadhana J Rajput. Evaluation of Physicochemical Stability and Degradation Kinetics of Bedaquiline in Hydrolytic Solutions of Different pH. **Future Journal of Pharmaceutical Science (FJPS)**. 2021; 7 (88). <https://doi.org/10.1186/s43094-021-00235-1> Publisher: Springer Nature
3. **Ms. Pragati J Vanavi**, Prof. (Mrs.) Sadhana J Rajput. “Chromatography and Related Analytical Techniques for Analysis of Bedaquiline and Its Degradation Products. **Journal of Chromatography Science (JCS)**. Publisher: Willy Online Library (Under Communication-Revisions under review)