



राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान, अहमदाबाद
(औषध विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार)

**NATIONAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH (NIPER) - AHMEDABAD**
(DEPT. OF PHARMACEUTICALS, MINISTRY OF CHEMICALS AND FERTILIZERS, GOI)

10-07-2024

To Whom It May Concern,

I am writing to certify that Dhvani Rana, a dedicated PhD student at the National Institute of Pharmaceutical Education and Research (NIPER) - Ahmedabad, has independently conducted the research project titled "CaliCut Facilitated Precision Aiding HME for DoE Based Development of Ocular Inserts: In Vitro and In Vivo Evaluation".

Dhwani undertook this research under my direct supervision, demonstrating exceptional commitment and scholarly excellence. Her project focused on developing an innovative, industrially viable, and translational product for Dry Eye Disease. The research methodology, data collection, analysis, and conclusions presented in her submission are entirely the result of Dhwani's diligent work. Her contributions have significantly advanced our understanding of ocular therapeutics, integrating modern manufacturing techniques and the application of complex dosage forms.

I confidently confirm that Dhwani's research was conducted with integrity and is solely her own work. For any additional information regarding her research contributions, please do not hesitate to contact me.

Warm regards,



Dr. Derajram Benival

Assistant Professor

Department of Pharmaceutics

National Institute of Pharmaceutical Education and Research (NIPER) -Ahmedabad

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