



MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY,
WEST BENGAL



A

Project Report on

**DESIGN, DEVELOPMENT AND PHYSICO-
CHEMICAL CHARACTERIZATION OF
VALSARTAN COCRYSTALS**

Submitted by

BISHAL SARKAR

University Regn. No. –211892320310013 OF 2021-22

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Under the joint guidance of

Prof. (Dr.) Santanu Chakraborty

M. Pharm., Ph.D., FIC

Professor

Divisional In-charge, Pharmaceutics

Dr. Manami Dhibar

M. Pharm., Ph.D.

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In partial fulfilment of the Requirement for the Degree of

Master of Pharmacy in Pharmaceutics

Submitted to

**Maulana Abul Kalam Azad University of Technology
West Bengal**

**Dr. B. C. Roy College of Pharmacy and Allied Health Sciences
Durgapur 713206**

Academic Year: 2022 – 2023



*(Dr.) Samir Kumar Samanta
M. Pharm., Ph.D (J.U.)
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DECLARATION

I hereby declare that the Project entitled "**Design, Development and Physico-Chemical Characterization of Valsartan Cocrystals**" in partial fulfilment of the requirement for the award of Master of Pharmacy submitted to **Maulana Abul Kalam Azad University of Technology, West Bengal**, is an authentic record of bona fide work carried out by me under the joint-guidance of **Prof. (Dr.) Santanu Chakraborty**, Professor, Divisional In-charge, Pharmaceutics, Dr. B. C. Roy College of Pharmacy and AHS, Durgapur and **Dr. Manami Dhibar**, Assistant Professor, P.G Department of Pharmaceutics, Dr. B. C. Roy College of Pharmacy and AHS, Durgapur.

The matter embodied in this Project has not been submitted for the award of any other degree or diploma to any University / Institution.

Bishal Sarkar


Signature

BISHAL SARKAR

Roll No: 18920321013

Date: 22/05/23

Place: Durgapur


Prof. (Dr.) Santanu Chakraborty
M. Pharm., Ph.D. (U.I.T.)
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CERTIFICATE

This is to certify that the Project entitled "Design, Development and Physico-Chemical Characterization of Valsartan Co-crystals" by Bishal Sarkar in partial fulfilment for the MASTER OF PHARMACY (PHARMACEUTICS) under MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY is a record of the original research work under our supervision and up to our satisfaction. To our knowledge, neither this thesis nor any part of it has been submitted for any other academic award anywhere before. The thesis is forwarded to Controller of Examination MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY for assessment.

Santanu Chakraborty
22/05/23

Signature of Guide

PROF. (DR.) SANTANU CHAKRABORTY

Professor, Divisional **Prof. (Dr.) Santanu Chakraborty**
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Date:

Place: Durgapur

Samir Kr. Samanta
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PROF. (DR.) SAMIR KR. SAMANTA

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