

**PROCESS FOR ANALYTICAL VALIDATION OF  
RELATED SUBSTANCES FOR IRINOTECAN  
HYDROCHLORIDE (IRI) INJECTION**

*Submitted By*  
**V. BHARGAVA**  
(2171116)

*Under the Supervision of*  
**Dr. V. SREERAM, M.Sc., M.Phil., Ph.D.**

**DEPARTMENT OF CHEMISTRY (P.G)**  
**A.G & S.G. Siddhartha Degree College, Vuyyuru**



**THE DISSERTATION SUBMITTED TO  
A.G & S.G. SIDDHARTHA DEGREE COLLEGE OF  
ARTS & SCIENCE (AUTONOMOUS), VUYYURU  
IN PARTIAL FULFILMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF MASTER OF SCIENCE**

**AUGUST- 2023**



**Adusumilli Gopalakrishnaiah & Sugarcane Growers Siddhartha**  
Degree College of Arts & Science, Vuyyuru-521165, Krishna Dt., A.P.

**AUTONOMOUS COLLEGE** (Aided College of Govt. of Andhra Pradesh)

NAAC Grade : **A** grade, by NAAC, Bangalore

(Managed by : *Siddhartha Academy of General & Technical Education, Vijayawada*)  
[Regd. No.45 of 1975]

**Dr.C.Nagaswara Rao**

President

Ph.No.: 08676-233267;FAX No.08676-233830

[www.agsgsc.edu.in](http://www.agsgsc.edu.in)

[agsgsiddhartha@gmail.com](mailto:agsgsiddhartha@gmail.com)

**P. Lakshmana Rao**

Secretary & Correspondent

**S. Venkateswara Rao**

Treasurer

## **CERTIFICATE**

This is to certify that dissertation entitled “**PROCESS FOR ANALYTICAL VALIDATION OF RELATED SUBSTANCES FOR IRINOTECAN HYDROCHLORIDE (IRI) INJECTION**” is a bonafied work carried out by **V. BHARGAVA**, Reg.No: **2171116** under supervision of me, is submitted in the partial fulfillment of the requirements for the award of degree of Master of Science in chemistry (Organic Chemistry) to A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE, VUYYURU. No part of the dissertation has been submitted for any degree/diploma or any other academic award anywhere before.

**Dr. V.Sreeram**

**Project Guide,**

**Head,**

Head PG Department of Chemistry  
**PG Department of Chemistry**  
A.G. & S.G. Siddhartha College of Arts & Science  
VUYYURU-521 165 Krishna Dt. A.P.

**EXTERNAL EXAMINER**

## DECLARATION

I hereby declare that the original project work embodied in this dissertation entitled "*Process For Analytical Validation of Related Substances For Irinotecan Hydrochloride (Iri) Injection*" submitted to **A.G & S.G. SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), VUYYURU** for the award of degree of Master of Science (M.Sc.) in the Chemistry of the faculty of Organic Chemistry is the outcome of investigations carried out by me under the supervision of **Dr.V.Sreeram, Head, PG Department of Chemistry**. I declare that the work incorporated is original and due acknowledgment has been made where ever it is not so. The same has not been submitted elsewhere for any degree or diploma.

I also declare that I myself solely responsible for the genuineness of the findings/ observations pertaining to these study in order to complete this dissertation.

Place: Vuyyuru

Date: 5/08/23



V. BHARGAVA

(2171116)