

# **ESTIMATION OF FAMOTIDINE PHARMACEUTICAL FORMULATION BY USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**

**A project report submitted in partial fulfillment of the requirement for the award of the  
degree of MASTER OF SCIENCE  
by Adikavi Nannaya University  
BY**

**ANDEY ANI RATNAM**

**Regd. No: 2305001**

**Under the guidance of**

**Mr. UPPULURI RAMU**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A); P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4th cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

## CERTIFICATE

This is to certify that the project work entitled "**Estimation of Famotidine pharmaceutical formulation by using High Performance Liquid Chromatography**" done in the laboratories of PG Organic chemistry, Sri Y.N. College- Narsapur, is the bonafide work of **ANDEY ANI RATNAM** Regd No: **2305001**, M.Sc. 2023-2025 Batch, submitted in a partial fulfillment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

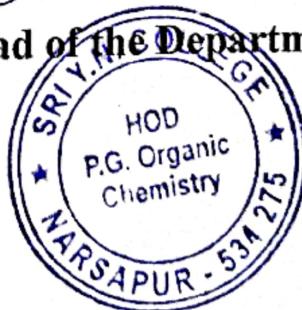
*U. Ganu*

**Project Guide**

**P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY**  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

*U. Ganu*

**Head of the Department**



*15/05/24*



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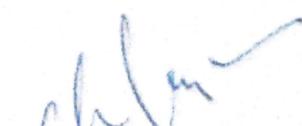
## Certificate

Certificate Number: RVL/TC/001/25

This is to certify that Andey Aniratnam, M.Sc. Organic chemistry (Reg No: 2305001), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Estimation of Famotidine Pharmaceutical Drug Formulations Using High Performance Liquid Chromatography" at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

**ESTIMATION OF TINIDAZOLE PHARMACEUTICAL  
FORMULATION BY USING HIGH PERFORMANCE LIQUID  
CHROMATOGRAPHY**

**A project report submitted in partial fulfillment of the requirement for the award of the  
degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

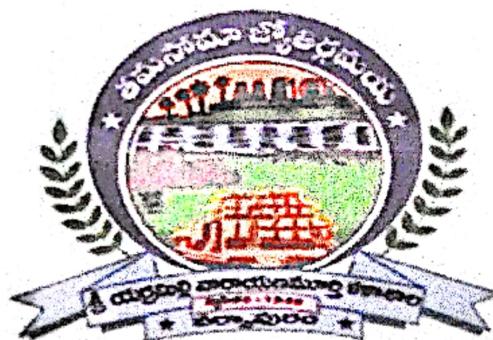
**ANISETTI YAMUNA**

**Regd. No: 2305002**

**Under the guidance of**

**Mr. UPPULURI RAMU**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A); P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4th cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

## CERTIFICATE

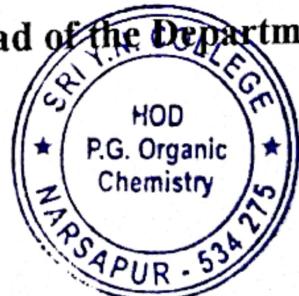
This is to certify that the project work entitled "**ESTIMATION OF TINIDAZOLE PHARMACEUTICAL FORMULATION BY USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**" done in the laboratories of PG Organic chemistry, Sri Y.N. College- Narsapur, is the bonafide work of **ANISETTI YAMUNA** Regd No: 2305002, M.Sc. 2023-2025 Batch, submitted in a partial fulfillment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

*Q. Qamu*

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Project Guide  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

*Q. Qamu*

Head of the Department



*S. S. S. S. S.*  
15/05/21



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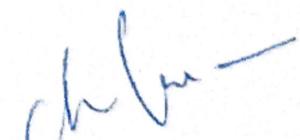
## Certificate

Certificate Number: RVL/TC/002/25

This is to certify that **Anisetti Yamuna**, M.Sc. Organic chemistry (Reg No: 2305002), student of **Sri Y.N. College(A)**, P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "**Estimation of Tinidazole Pharmaceutical Drug Formulations Using High Performance Liquid Chromatography**" at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

**QUALITATIVE DETERMINATION OF ALKALOIDS IN  
ATROPA BELLADONNA PLANT EXTRACT BY USING HIGH  
PERFORMANCE LIQUID CHROMATOGRAPHY**

**A project report submitted in partial fulfillment of the requirement for the award of the  
degree of MASTER OF SCIENCE  
by Adikavi Nannaya University**

**BY**

**BAVISETTI NOHITA LAKSHMI PRASANNA**

**Regd. No: 2305003**

**Under the guidance of**

**Mr. UPPULURI RAMU**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A); P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4th cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

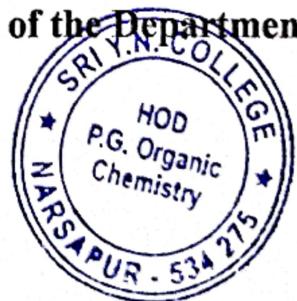
## CERTIFICATE

This is to certify that the project work entitled "**QUALITATIVE DETERMINATION OF ALKALOIDS IN ATROPA BELLADONNA PLANT EXTRACT BY USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**" done in the laboratories of PG Organic chemistry, Sri Y.N. College- Narsapur, is the bonafide work of **BAVISETTI NOHITA LAKSHMI PRASANNA** Regd No: **2305003**, M.Sc. 2023-2025 Batch, submitted in a partial fulfillment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

*C. Annu*  
Project Guide

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ORGANIC CHEMISTRY  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAFUR - 534 275

*U. Annu*  
Head of the Department



*Annu*  
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## Certificate

Certificate Number: RVL/TC/003/25

This is to certify that **Bavisetti Nohita Lakshmi Prasanna**, M.Sc. Organic chemistry(Reg No: 2305003), student of Sri Y.N. College(A),P.G Courses(A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "**Qualitative Determination Of Alkaloids In Atropa Belladonna Using High Performance Liquid Chromatography**" at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

**QUALITATIVE DETERMINATION OF FLAVONOIDS IN  
CANNA INDICA PLANT EXTRACT BY USING HIGH  
PERFORMANCE LIQUID CHROMATOGRAPHY**

**A Project Report submitted in partial fulfillment of the requirement for  
The award of the degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**CHELLUBOINA. SIRISHA**

**Regd.No:2305004**

**Under the guidance of**

**Mr. Uppuluri Ramu**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY  
SRI Y. N. COLLEGE (A): P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at 'A+' grade (4<sup>th</sup> Cycle)**

**NARSAPUR-534275, W.G.DIST.,A.P.**

**2023-2025**

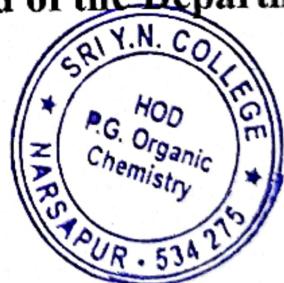
## CERTIFICATE

This is to certify that the project work entitled "QUALITATIVE DETERMINATION OF FLAVONOIDS IN CANNA INDICA PLANT EXTRACT BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narasapuram, is the bonafide work of **CHELLUBOINA SIRISHA** Reg.No: 2305004, M.Sc. 2023-2025 Batch, submitted in a partial fulfillment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

*Q. Qamar*  
Project Guide

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Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARASAPUR - 534 275

*Q. Qamar*  
Head of the Department



*Q. Qamar*  
10/08/24



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## Certificate

Certificate Number: RVL/TC/004/25

This is to certify that Chelluboina. Sirisha, M.Sc. Organic chemistry (Reg No: 2305004), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Qualitative Determination Of Flavonoids In Canna Indica Using High Performance Liquid Chromatography" at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

# **QUALITATIVE DETERMINATION OF PHENOLIC COMPOUNDS IN CANNA INDICA EXTRACT BY USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**

**A project report submitted in partial fulfilment of the requirement for the  
award of the degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**ENUGULA RAJESH**

**Regd. No: 2305005**

**Under the guidance of**

**Mr. Uppuluri Ramu**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A): P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

## CERTIFICATE

This is to certify that the project work entitled "**QUALITATIVE DETERMINATION OF PHENOLIC COMPOUNDS IN CANNA5 INDICA EXTRACT BY USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of **ENUGULA RAJESH** Reg.No: 2305005, M.Sc. (Organic Chemistry) 2023-2025 Batch, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

L. Ammu  
P.G. DEPARTMENT OF  
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Project Guide  
Dr. C.S. Rao P.G. Centre  
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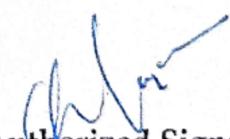
## Certificate

Certificate Number: RVL/TC/005/25

This is to certify that Enugula Rajesh, M.Sc. Organic chemistry (Reg No: 2305005), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Qualitative Determination Of Phenolic Compounds In Canna Indica Using High Performance Liquid Chromatography" at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

**WATER QUALITY ASSESSMENT OF pH, TDS, EC,  
TURBIDITY AND DETERMINATION OF SULPHATE BY  
USING UV -VISIBLE SPECTROPHOTOMETER**

**A project report submitted in partial fulfillment of the requirement for the award of the  
degree of MASTER OF SCIENCE  
by Adikavi Nannaya University  
BY**

**GOLLAMANDALA VARSHITHA**

**Regd. No: 2305006**

**Under the guidance of**

**Mr. UPPULURI RAMU**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A); P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4th cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

## CERTIFICATE

This is to certify that the project work entitled "**WATER QUALITY ASSESSMENT ON pH, TDS, EC, TURBIDITY AND DETERMINATION OF SULPHATE USING UV-VISIBLE SPECTROPHOTOMETER**" done in the laboratories of PG Organic chemistry, Sri Y.N. College- Narsapur, is the bonafide work of **GOLLAMANDALA VARSHITHA** Regd No: 2305006, M.Sc. 2023-2025 in Batch, submitted in a partial fulfillment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

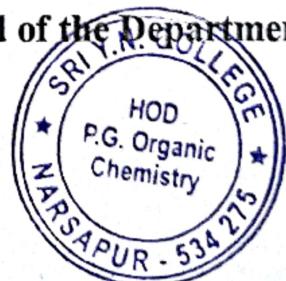
*G. Ramu*

Project Guide

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NARSAPUR - 534 275

*G. Ramu*

Head of the Department



*✓ 15/05/28*



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## Certificate

Certificate Number: RVL/TC/006/25

This is to certify that **Gollamandala Varshitha, M.Sc. Organic chemistry(Reg No:2305006)**, student of **Sri Y.N. College(A),P.G Courses(A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University**, has undergone for Project work entitled "**Water Quality Assessment Using PH, TDS, EC, Turbidity And Determination Of Sulphates**" at **R.V. LABS, Guntur, AP.**

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

# **DETERMINATION OF MINERALS (K, Ca) IN DIFFERENT WATER SAMPLES BY USING FLAME PHOTOMETER**

**A project report submitted in partial fulfilment of the requirement for the award of the  
degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**KANDI JAYASREE**

**Regd. No: 2305007**

**Under the guidance of**

**Mrs. MOLATHOTI SWAROOPA**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A): P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

## CERTIFICATE

This is to certify that the project work entitled "**DETERMINATION OF MINERALS (K, Ca) IN DIFFERENT WATER SAMPLES BY USING FLAME PHOTOMETER**" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of **KANDI JAYASREE Reg.No:2305007, M.Sc. (Organic Chemistry) 2023-2025 in Batch**, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

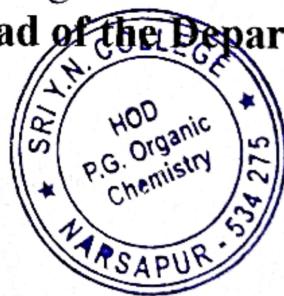
*M. Bwaroop*

**Project Guide**

**P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY**  
Dr. C.S. Rao P.G. Centre  
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NARSAPUR - 534 275

*O. Ammu*

**Head of the Department**



*Z  
15/05/28*



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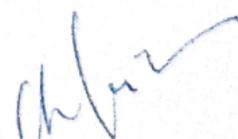
## Certificate

Certificate Number: RVL/TC/007/25

This is to certify that Jayasree Kandi, M.Sc. Organic chemistry (Reg No: 2305007), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Estimation Of  $k$ ,  $ca$  In Different Water Samples By Using Flame Photometer" at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

# **EXTRACTION AND GAS CHROMATOGRAPHIC ANALYSIS OF ESSENTIAL OIL FROM EUCALYPTUS**

**A project report submitted in partial fulfillment of the requirement for the award of the  
degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**KETALI NARENDRA KUMAR**

**Regd. No: 2305008**

**Under the guidance of**

**Smt. MOLATHOTI SWAROOPA**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (AUTONOMOUS)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A<sup>+</sup>" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

# CERTIFICATE

This is to certify that the project work entitled "**Extraction and Gas Chromatographic analysis of essential oil from eucalyptus**" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of **KETALI NARENDRA KUMAR** Reg.No: 2305008, M.Sc.( Organic Chemistry) 2023-2025 Batch, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

M. Swaroopa  
Project Guide  
P.G. DEPARTMENT OF  
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Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

U. Anna  
Head of the Department



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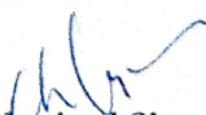
## Certificate

Certificate Number: RVL/TC/008/25

This is to certify that Ketali Narendra Kumar, M.Sc. Organic chemistry (Reg No: 2305008), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled **“Extraction And Gas Chromatography Analysis Of Essential Oil-2 Extracted From Eucalyptus”** at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

**GREEN SYNTHESIS OF NANO PARTICLES AND STUDY OF  
ANTI – OXIDANT ACTIVITY OF SYNTHESIZED NANO  
PARTICLES**

**A project report submitted in partial fulfillment of the requirement for the award of the  
degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**KONISETTI JYOTHI**

**Regd. No: 2305009**

**Under the guidance of**

**Mrs. MOLATHOTI SWAROOPA**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A); P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4th cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

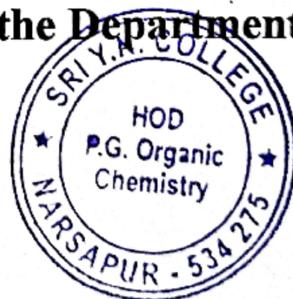
## CERTIFICATE

This is to certify that the project work entitled "**GREEN SYNTHESIS OF NANO PARTICLES AND STUDY OF ANTI – OXIDANT ACTIVITY OF SYNTHESIZED NANO PARTICLES**" done in the laboratories of PG Organic Chemistry, Sri Y.N. College- Narsapur, is the bonafide work of **KONISETTI JYOTHI** Regd No: 2305009, M.Sc. 2023-2025 Batch, submitted in a partial fulfillment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

M. Gwaroopa  
Project Guide

P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

U. Damu  
Head of the Department



15/05/23



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## Certificate

Certificate Number: RVL/TC/009/25

This is to certify that Konisetti Jyothi , M.Sc. Organic chemistry (Reg No: 2305009), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "**Green Synthesis Of Nano Particles And Study Of Anti-Oxidant Activity Of Synthesized Nano Particles**" at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

DETERMINATION OF DISSOLVED OXYGEN (DO) AND  
ESTIMATION OF NITRATES IN VARIOUS WATER SAMPLES  
USING UV-VISIBLE SPECTROPHOTOMETRY.

**A project report submitted in partial fulfilment of the requirement for the  
award of the degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**MADDIMSETTI SAGARA KUMARI**

**Regd. No: 2305010**

**Under the guidance of**

**Mrs. MOLATHOTI SWAROOPA**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N COLLEGE (A) P.G CORSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

## CERTIFICATE

This is to certify that the project work entitled "Determination of dissolved oxygen (DO) and estimation of nitrates in various water samples using UV-Visible spectrophotometry." done in the laboratories of P G Organic Chemistry, Sri Y.N. College, Narsapur, is the bonafide work of **MADDIMSETTI SAGARA KUMARI** Reg.No: 2305010, M.Sc.( Organic Chemistry) 2023-2025 Batch, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

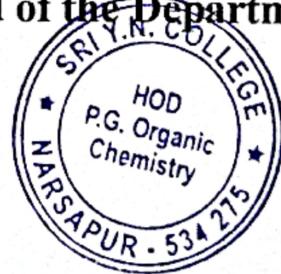
M. Gwaroopa

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SRI Y.N. COLLEGE  
NARSAPUR - 534 275

Q. Rani

Head of the Department



  
15/05/25



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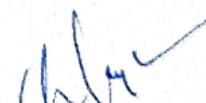
## Certificate

Certificate Number: RVL/TC/010/25

This is to certify that **Maddim Setti Sagara Kumari**, M.Sc. Organic chemistry (Reg No: 2305010), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "**Determination Of DO In Different Water Samples And Estimation Of Nitrates In Different Water Samples By Using U.V Visible Spectrophotometer**" at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

# **DETERMINATION OF MINERALS (Na) IN DIFFERENT WATER SAMPLES BY USING FLAME PHOTOMETER**

A project report submitted in partial fulfilment of the requirement for the award of the  
degree of **MASTER OF SCIENCE**

by **Adikavi Nannaya University**

BY

**INTI NAGA BABU**

Regd. No: 2305011

Under the guidance of

**Mrs. MOLATHOTI SWAROOPA**

**Assistant Professor**



**DEPARTMENT OF ORGANIC**

**CHEMISTRY SRI Y. N. COLLEGE (A): P.G**

**COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

## CERTIFICATE

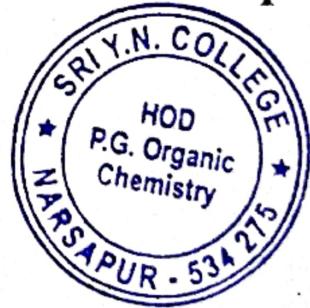
This is to certify that the project work entitled "**DETERMINATION OF MINERALS (Na) IN DIFFERENT WATER SAMPLES BY USING FLAME PHOTOMETER**" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the Bonafede work of **INTI NAGA BABU Reg.No:2305011, M.Sc. (Organic Chemistry) 2023-2025 Batch**, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

M. Gwaroopa  
B. A. (S. S. S. S.)

**Project Guide**  
**P.G. DEPARTMENT OF**  
**ORGANIC CHEMISTRY**  
**Dr. C.S. Rao P.G. Centre**  
**SRI Y.N. COLLEGE**  
**NARSAPUR - 534 275**

U. Game

## **Head of the Department**





A handwritten signature in black ink, appearing to read "Justice J. S. Khehar".



**R.V. Labs**  
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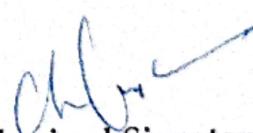
## Certificate

Certificate Number: RVL/TC/011/25

This is to certify that Naga Babu. Inti, M.Sc. Organic chemistry (Reg No: 2305011), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Determination Of Mineral Na In Different Water Samples By Using Flame Photometer" at R.V. LABS, Guntur, AP.

During his/her project work, he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager



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**EXTRACTION AND GAS CHROMATOGRAPHY ANALYSIS  
OF PERFUMERY OILS EXTRACTED FROM SAMPLES**

**A project report submitted in partial fulfilment of the requirement for the  
award of the degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**PONNAMANDA BALAKRISHNA**

**Regd. No: 2305012**

**Under the guidance of**

**Mrs. MOLATHOTI SWAROOPA**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A) P.G: COURSES(A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

# CERTIFICATE

This is to certify that the project work entitled "**EXTRACTION AND GAS CHROMATOGRAPHY ANALYSIS OF PERFUMERY OILS EXTRACTED FROM SAMPLES**" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of **PONNAMANDA BALAKRISHNA**, Reg.No: 2305012, M.Sc. (Organic Chemistry) 2023-2025 Batch, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

*M. Gwaroofz*

**Project Guide**  
P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

*✓  
JMK  
10/05/24*

*U. Damm*

**Head of the Department**





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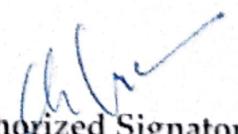
## Certificate

Certificate Number: RVL/TC/012/25

This is to certify that Ponnamanda Bala Krishna, M.Sc. Organic chemistry (Reg No: 2305012), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Extraction And Gas Chromatography Analysis Of Perfumery Oils Extracted From FOGG, MEISTER." at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

**ASSESMENT OF WATER QUALITY BY ANALYZING  
DIFFERENT PARAMETERS AND ESTIMATION OF NITRITE  
NITROGEN USING TITRIMETRIC AND UV AND VISIBLE  
SPECTROPHOTOMETER METHODS**

**A project report submitted in partial fulfilment of the requirement for the award of the  
degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**TELAGAMSETTI NAVEEN**

**Regd. No: 2305013**

**Under the guidance of**

**Mrs. Kondaveti Lakshmi Jyothi**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A) :P. G COURSES(A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

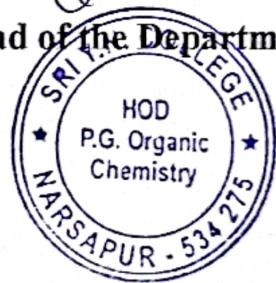
**2023-2025**

# CERTIFICATE

This is to certify that the project work entitled "ASSESSMENT OF WATER QUALITY BY ANALYSING DIFFERENT PARAMETERS AND ESTIMATION OF NITRITE NITROGEN USING TITRIMETRIC AND UV AND VISIBLE SPECTROPHOTOMETER METHODS" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of TELAGAMSETTI NAVEEN Reg.No: 2305013, M.Sc.( organic chemistry) 2023-2025 in Batch, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

K. Lakshmi Jyothi  
Project Guide  
P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

C. Ganesu  
Head of the Department



*Z*  
*z*  
*18/08/28*



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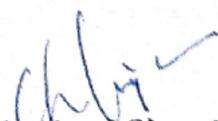
## Certificate

Certificate Number: RVL/TC/013/25

This is to certify that Telagamsetti Naveen, M.Sc. Organic chemistry (Reg No: 2305013), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Assessment Of Water Quality By Analyzing Different Parameters Using Titrimetric And Spectrophotometer." at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

**EXTRACTION AND GAS CHROMATOGRAPHIC ANALYSIS OF  
ESSENTIAL OIL FROM CUMIN SEEDS**

**A project report submitted in partial fulfilment of the requirement for the  
award of the degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**TIRUMANI.M.N.D. PRASAD**

**Regd. No: 2305014**

**Under the guidance of**

**Mrs. KONDAVETI LAKSHMI JYOTHI**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A): P.G CORSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

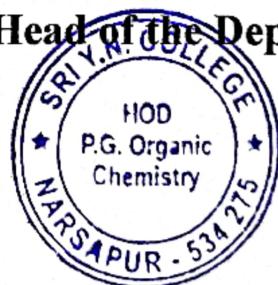
**2023-2025**

## CERTIFICATE

This is to certify that the project work entitled "**Extraction and Gas Chromatographic Analysis of Essential Oil from Cumin Seeds**" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of **TIRUMANI M.N.D. PRASAD** Reg.No: 2305014, M.Sc. (Organic Chemistry) 2023-2025 Batch, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

K. Lakshmi Jyoti  
Project Guide  
P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

Head of the Department



  
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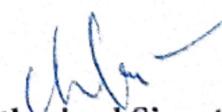
## Certificate

Certificate Number: RVL/TC/014/25

This is to certify that **Tirumani Mani Naga Durga Prasad**, M.Sc. Organic chemistry (Reg No: 2305014), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "**Extraction Gas Chromatography Analysis Of Essential Oil-1 Extracted From Cumin Oil.**" at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

# **ANALYSIS OF FRAGRANCE IN COSMETICS BY USING GAS CHROMATOGRAPHY**

**A project report submitted in partial fulfilment of the requirement for the award of the degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**TIRUMANI SAI KIRAN**

**Regd. No: 2305015**

**Under the guidance of**

**Mrs. Kondaveti Lakshmi Jyothi**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A) : P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A<sup>+</sup>" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

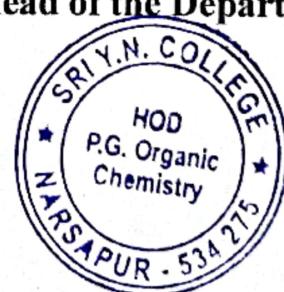
## CERTIFICATE

This is to certify that the project work entitled "**ANALYSIS OF FRAGRANCE IN COSMETICS BY USING GAS CHROMATOGRAPHY**" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of **TIRUMANI SAI KIRAN** Reg.No: 2305015, M.Sc.(Organic chemistry) 2023-2025 Batch, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

*K. Lakshmi Jyothi*  
Project Guide

P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

*C. Rama*  
Head of the Department



*15/05/2025*



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## Certificate

Certificate Number: RVL/TC/015/25

This is to certify that Tirumani Sai Kiran, M.Sc. Organic chemistry (Reg No: 2305015), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Analysis Of Fragrances In PONDS BRIGHT BEAUTY, PONDS CHARCOAL AND SPINZ BB By Using Gas Chromatography." at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

# **ESTIMATION OF FOLIC ACID IN DRUG SAMPLES BY USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**

**A project report submitted in partial fulfillment of the requirement for the award of the  
degree ofMASTER OF SCIENCE**

**by Adikavi Nannaya University  
BY**

**YERRAMSETTI SATISH**

**Regd. No: 2305016**

**Under the guidance of**

**Mrs. Kondaveti Lakshmi Jyothi**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A); P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4th cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

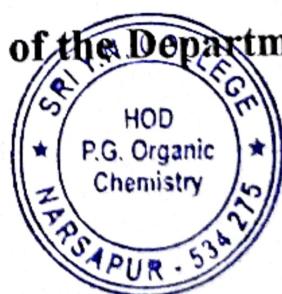
## CERTIFICATE

This is to certify that the project work entitled "**ESTIMATION OF FOLIC ACID IN DRUG SAMPLES BY USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**" done in the laboratories of P G Organic Chemistry, Sri Y.N. College- Narsapur, is the bonafide work of **YERRAMSETTI SATISH** Regd No: **2305016**, M.Sc. 2023-2025 Batch, submitted in a partial fulfillment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

K. Lakshmi Jyothi  
Project Guide

P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

*C. Obaru*  
Head of the Department



*Satish*  
15/08/21



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## Certificate

Certificate Number: RVL/TC/016/25

This is to certify that Yerramsetti Satish, M.Sc. Organic chemistry (Reg No: 2305016), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Estimation Of Folic Acid In Drug Samples By Using High Performance Liquid Chromatography." at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

**THE EFFECT OF STRESS DAGRADATION CONDITIONS ON  
THE STABILITY OF TERBINAFINE DRUG BY USING UV-  
VISIBLE SPECTROPHOTOMETRY**

**A project report submitted in partial fulfillment of the requirement for the award of  
the degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**YERRAMSETTY PALI SUSANNA**

**Regd. No: 2305017**

**Under the guidance of**

**Mrs. KONDAVETI LAKSHMI JYOTHI**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A); P.G COURSES (A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4th cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2023-2025**

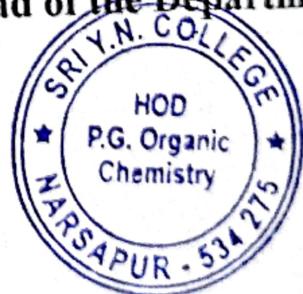
## CERTIFICATE

This is to certify that the project work entitled "**THE EFFECT OF STRESS DEGRADATION CONDITIONS ON THE STABILITY OF TERBINAFINE DRUG BY USING UV-VISIBLE SPECTROPHOTOMETRY**" done in the laboratories of PG Organic chemistry, Sri Y.N. College- Narsapur, is the Bonafede work of **YERRAMSETTY PALI SUSANNA** RegdNo: 2305017, **M.Sc. 2023-2025 Batch**, submitted in a partial fulfillment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

K. Lakshmi Jyoti  
Project Guide

P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

*G. Aramu*  
Head of the Department



*Zain*  
15/08/28



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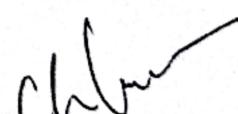
## Certificate

Certificate Number: RVL/TC/017/25

This is to certify that Yerramsetty Pali Susanna, M.Sc. Organic chemistry (Reg No: 2305017), student of Sri Y.N. College(A), P.G Courses (A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "The Effect Of Stress Degradation Conditions On The Stability Of Drug- Terbinafine Using U.V-Visible Spectrophotometer." at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager

**ESTIMATION OF CILNIDIPIINE DRUG IN FORMULATION  
BY USING VISIBLE SPECTROMETRIC DERIVATIZATION  
METHOD BASED ON COLOR DEVELOPMENT**

**A project report submitted in partial fulfillment of the requirement for the  
award of the degree of MASTER OF SCIENCE**

**by Adikavi Nannaya University**

**BY**

**KOLLU NAVYA**

**Regd. No: 2305018**

**Under the guidance of**

**Mrs. Kondaveti Lakshmi Jyothi**

**Assistant Professor**



**DEPARTMENT OF ORGANIC CHEMISTRY**

**SRI Y. N. COLLEGE (A) P.G: COURSES(A)**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**

**Accredited by NAAC at "A+" grade (4<sup>th</sup> cycle)**

**NARSAPUR-534275, W.G.DIST., A.P.**

**2024-2025**

# CERTIFICATE

This is to certify that the project work entitled "ESTIMATION OF CILNIDIPIINE DRUG IN FORMULATION BY USING VISIBLE SPECTROPHOTOMETRIC DERIVATIZATION METHOD BASED ON COLOR DEVELOPMENT" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of **KOLLU NAVYA** Reg.No:2305018, M.Sc. (Organic Chemistry) 2024-2025 Batch, submitted in a partial fulfilment of the requirements for the award of the Degree of Master of Science to Adikavi Nannaya University.

*K. Lakshmi Jyothi*  
Project Guide

P.G. DEPARTMENT OF  
ORGANIC CHEMISTRY  
Dr. C.S. Rao P.G. Centre  
SRI Y.N. COLLEGE  
NARSAPUR - 534 275

*C. Rama*  
Head of the Department



*[Signature]*  
18/05/28



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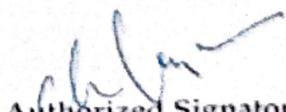
## Certificate

Certificate Number: RVL/TC/018/25

This is to certify that Kollu Navya, M.Sc. Organic chemistry(Reg No:2305018), student of Sri Y.N. College(A),P.G Courses(A) Narsapur, W.G. Dt. Andhra Pradesh Affiliated to Adikavi Nannaya University, has undergone for Project work entitled "Estimation Of Drug Clindinol-20mg In Formulation Using Visible Spectrophotometer Method/Color Development." at R.V. LABS, Guntur, AP.

During his/her project work he/she has been dedicated, sincere and successfully completed his/her project work.



  
Authorized Signatory  
Ch. Vinay Kumar  
Quality Manager