

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

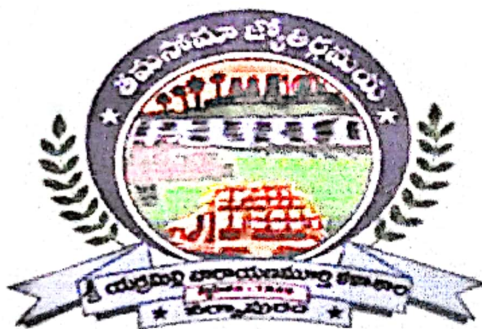
ANDEY ANI RATNAM

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)

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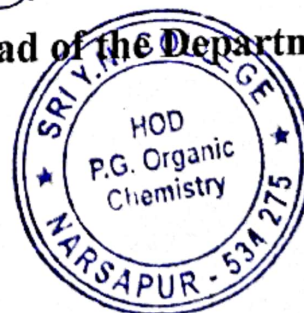
2023-2025

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

U. Bannu
Head of the Department



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15/05/24



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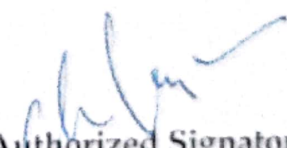
Certificate

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)

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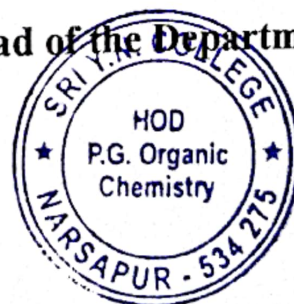
This is to certify that the project work entitled "ESTIMATION OF TINIDAZOLE PHARMACEUTICAL FORMULATION BY USING HIGH PERFORMANCE LIQUID CHROMOTOGRAPHY" done in the laboratories of PG Organic chemistry, Sri Y.N. College- Narsapur, is the bonafide work of ANISETTI YAMUNA Regd No: 2305002, M.Sc. 2023-2025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

C. Ramu

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

C. Ramu

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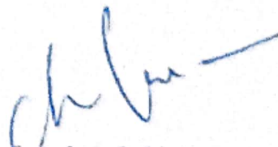
Certificate

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)

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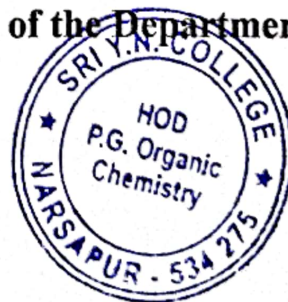
2023-2025

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

C. Ramu
Head of the Department



[Signature]
15/05/25


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

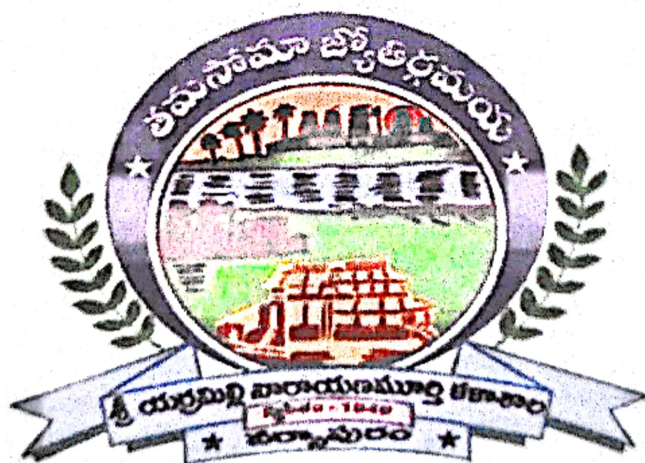
CHELLUBOINA. SIRISHA

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 (4th 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.

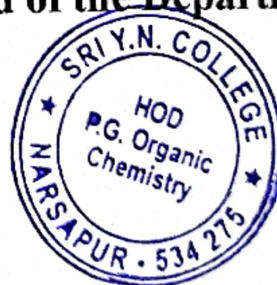
C. Ramu

Project Guide

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

C. Ramu

Head of the Department



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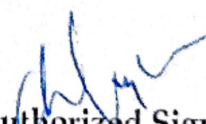
Certificate

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 (4th cycle)

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

2023-2025

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This is to certify that the project work entitled **"QUALITATIVE DETERMINATION OF PHENOLIC COMPOUNDS IN CANNAS 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.

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

C. Ramu
Head of the Department




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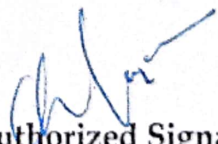
Certificate

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.

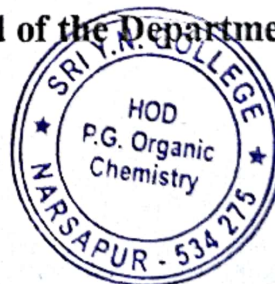
C. Ramu

Project Guide

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

C. Ramu

Head of the Department



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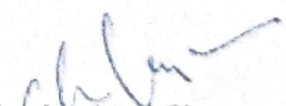
Certificate

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 (4th 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.

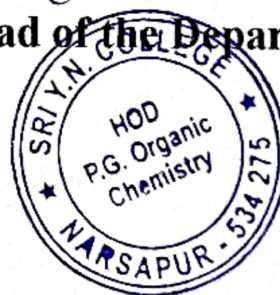
M. S. Swaroop

Project Guide

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

G. Ramu

Head of the Department



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15/05/28

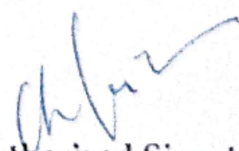
Certificate

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⁺" grade (4th 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
ORGANIC CHEMISTRY
Dr. C.S. Rao P.G. Centre
SRI Y.N. COLLEGE
NARSAPUR - 534 275

U. Anur
Head of the Department



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15/05/28



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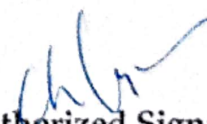
Certificate

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.

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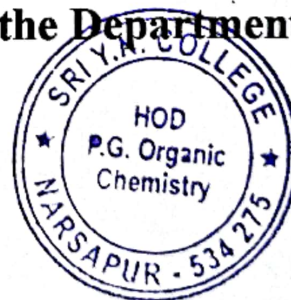
CERTIFICATE

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. Swaroopa
Project Guide

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

W. Ganu
Head of the Department



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15/10/24



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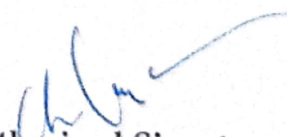
Certificate

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 (4th 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.

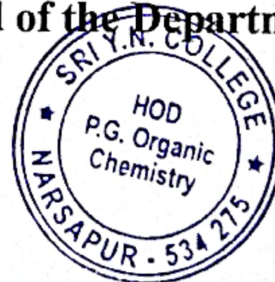
M. Bwaroopu

Project Guide

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

W. Ganu

Head of the Department



[Signature]
15/05/25

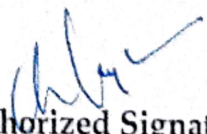
Certificate

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 (4th 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.

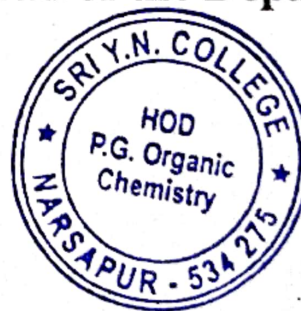
M. Swaroopa

Project Guide

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

U. Ramu

Head of the Department



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12/05/24



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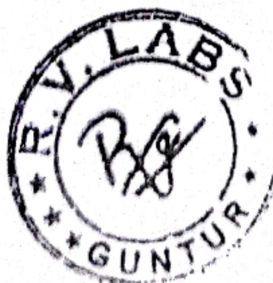


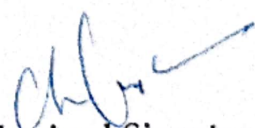
Certificate

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



EXTRACTION AND GAS CHROMOTOGRAPHY 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 (4th 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. Gwaroopu

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

U. Ramu

Head of the Department



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15/05/24

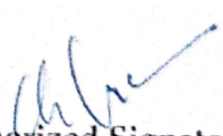
Certificate

Certificate Number: RVI/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

ASSESSMENT 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 (4th cycle)

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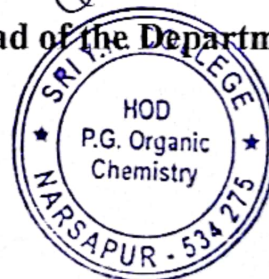
2023-2025

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

Q. Ganu
Head of the Department



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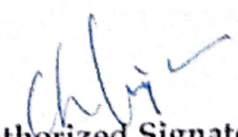
Certificate

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 (4th cycle)

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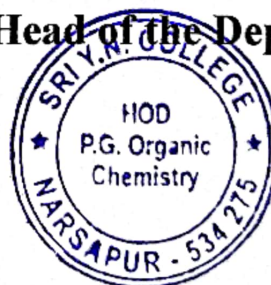
CERTIFICATE

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
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NARSAPUR - 534 275

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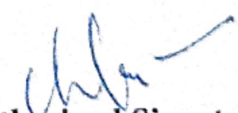
Certificate

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⁺" grade (4th cycle)

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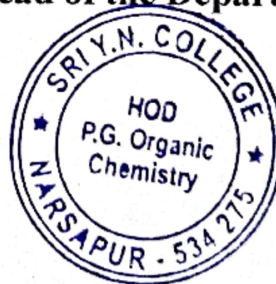
This is to certify that the project work entitled **"ANALYSIS OF FRAGRANCE IN COSMETICS BY USING GAS CHROMATOGRAPHY"** done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of **TIRUMANI SAI KIRAN** Reg.No: 2305015, M.Sc.(Organic chemistry) 2023-2025 Batch, 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

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15/05/24

C. Banu
Head of the Department



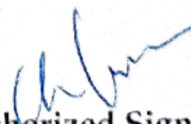
Certificate

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 of MASTER 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

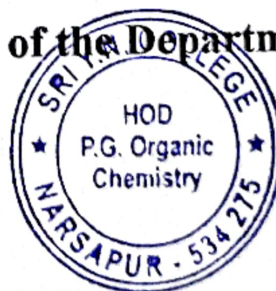
CERTIFICATE

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. Ommu
Head of the Department



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15/04/25

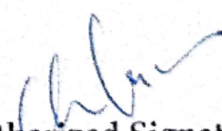
Certificate

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

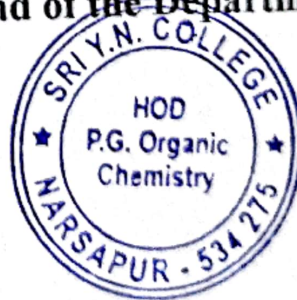
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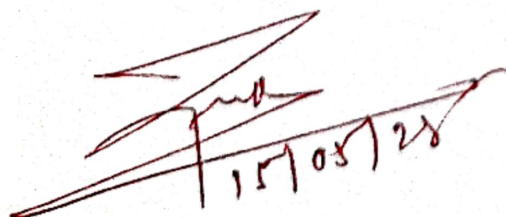
This is to certify that the project work entitled "THE EFFECT OF STRESS DEGRADATION CONDITIONS ON THE STABILITY OF TERBINAFINE DRUG BY USING UV-VISIBLE SPECTROPHOTOMETRY" done in the laboratories of PG Organic chemistry, Sri Y.N. College- Narsapur, is the Bonafede work of YERRAMSETTY PALI SUSANNA RegdNo: 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 Jyothi
Project Guide

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

G. Ramu
Head of the Department




15/05/25

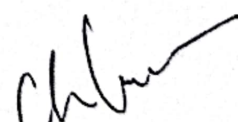
Certificate

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 CILNIDIPINE 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 (4th cycle)

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

2024-2025

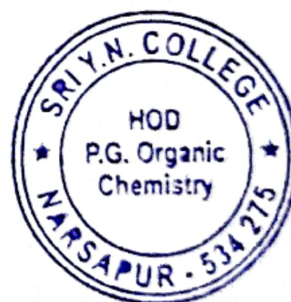
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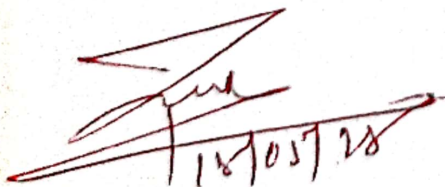
This is to certify that the project work entitled "ESTIMATION OF CILNIDIPINE DRUG IN FORMULATION BY USING VISIBLE SPECTROPHOTOMETRIC DERIVATIZATION METHOD BASED ON COLOR DEVELOPMENT" done in the laboratories of PG Organic chemistry, Sri Y.N. College, Narsapur, is the bonafide work of KOLLU NAVYA Reg.No:2305018, 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. Damm
Head of the Department




18/05/28



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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.



Ch. Vinay Kumar
Authorized Signatory
Ch. Vinay Kumar
Quality Manager

