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M.Pharm [Pharmaceutical Analysis/Chemistry] Students under taking
Project work/Field work / Internship for the Academic Year 2021-2022.

S.NO	DESCRIPTION
1	Certificate of Head of Institution
2	List of M.Pharm[Pharmaceutical Analysis/Chemistry] Students under taking Project work/Field work / Internship-HOI
3	List of M.Pharm[Pharmaceutical Analysis/Chemistry] Students under taking Project work/Field work / Internship.



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**Dr N.SENTHIL KUMAR. M.Pharm.,Ph.D.,
Principal**

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Number of Students undertaking Project work/Field work / Internship for
the **Academic Year 2021-2022.**

The Students Participated in More than one activity has been counted as
ONE only.



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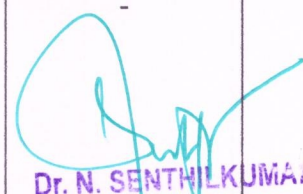
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Principal

TO WHOMSOEVER IT MAY CONCERN

This to certify that the List of M.Pharm [Pharmaceutical Analysis/Chemistry] Students under taking Project work/Field work / Internship for the Academic Year 2021-2022 are given below.

S. No	Reg.No	Name of the Student	Year	Project Work-Topic	Field work	Internship
1.	261930701	R.BABU	II	SIMULTANEOUS ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ROSUVASTATIN AND OLMESARTAN MEDOXOMILIN COMBINED TABLET DOSAGE FORM BY RP-HPLC	-	-
2.	261930704	GOBINATH.S	II	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION	-	-




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				FOR THE DETERMINATION OF METFORMIN HCL AND GLICLAZIDE BY UHPLC IN SOLID DOSAGE FORM		
3.	261930705	KANNIYAPPAN.C	II	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF MONTELUKAST SODIUM AND FEXOFENADINE HYDROCHLORIDE IN COMBINED TABLET DOSAGE FORM BY UHPLC	-	-
4.	261930706	KARTHICK.M	II	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ROSUVASTATIN AND CLOPIDOGRE	-	-




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				L IN COMBINED TABLET DOSAGE FORM BY RP- HPLC		
5.	261930707	MANIKANDAN.E	II	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ATORVASTATIN AND FENOFIBRATE IN COMBINED TABLET DOSAGE FORM BY RP-UHPLC	-	-
6.	261930708	MANIMEGALAIM	II	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF TELMISARTAN AND BENIDIPINE HYDROCHLORIDE TABLET ASSAY BY RP-HPLC METHOD	-	-
7.	261930709	SHAKTHI.R	II	ANALYTICAL METHOD	-	-




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				DEVELOPME NT AND VALIDATION OF PREGABALIN AND ETORICOXIB IN COMBINED TABLET DOSAGE FORM BY RP HPLC		
8.	261930710	YASOTHA.S	II	METHOD DEVELOPME NT AND VALIDATION FOR THE SIMULTANE OUS ESTIMATION OF CLINDIPINE AND TELMISARTA N IN PHARMACEU TICAL DOSAGE FORM BY RP- HPLC	-	-
9.	561930702	N. BALAJI	II	BIOANALYTI CAL METHOD DEVELOPME NT AND VALIDATION OF ANASTROZO LE USING LC- MS/IN HUMAN	-	-



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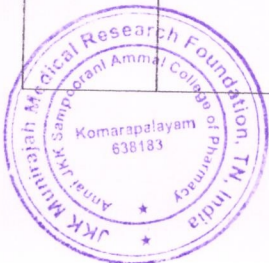
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				K2EDTA PLASMA		
10.	261915602	V.KALAIVANI	II	STUDY OF PHYTOCHEM ICAL ANALYSIS AND INVITRO ANTIDIABETI C, ANTI- INFLAMMAT ORY ACTIVITIES OF CYPERUS ROTUNDUS.	-	-
11.	261915603	M.LOGANATHAN	II	SYNTHESIS, CHARACTERI ZATION AND IN-VITRO ANTI- INFLAMMAT ORY ACTIVITIES AND ANTI- OXIDANT ACTIVITY OF SOME NOVEL CHALCONE BASED PARACETAM OL DERIVATIVE S.	-	-
12.	261915604	S.SELVAPRABA	II	IN SILICO EVALUATIO N OF SELECTED PHYTOCHEM ICALS FOR ANTI- NCOVID AND POTENTIAL BASED ON	-	-



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				MOLECULAR DOCKING STUDIES AND THEIR PHARMACOKINETICS AND DRUG-LIKENESS PREDICTIONS.		
13.	261915605	J.PAVITHRA	II	ENZYME-CATALYSED ALDOL CONDENSATION AND SYNTHESIS OF CHALCONES AND THEIR EVALUATION.	-	-
14.	261915606	C.PRABAVATHI	II	DESIGN AND SYNTHESIS OF NOVEL N-SUBSTITUTED BENZIMIDAZOLE DERIVATION AND EVALUATION OF THEIR BIOLOGICAL ACTIVITY.	-	-
15.	261915607	M.SANGEETHA	II	DESIGN, SYNTHESIS & CHARACTERIZATION OF SOME NOVEL OXADIAZOLE BASED DERIVATIONS AND	-	-



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				EVALUATION FOR THEIR IN-VITRO ANTI-CANCER AND ANTI-OXIDANT ACTIVITY.		
16.	261915608	P.SASI	II	TO DESIGN, SYNTHESIS OF NOVEL SUBSTITUTED TRIAZOLE DERIVATIVES AND EVALUATION FOR IN VITRO- ANTI TUBERCULAR ACTIVITY.	-	-
17.	261915609	N.SHINU RAJAN	II	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF NOVEL BENZOFURAN DERIVATIVES	-	-




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BIOANALYTICAL METHOD DEVELOPMENT AND
VALIDATION OF ANASTROZOLE USING LC-MS/MS IN
HUMAN K2EDTA PLASMA

Dissertation submitted to

THE TAMILNADU Dr.M.G.R.MEDICAL UNIVERSITY
CHENNAI- 600 032

In partial fulfillment of the requirements for the award of the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL ANALYSIS

Submitted by

BALAJIN

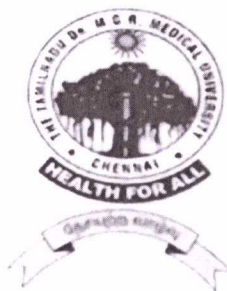
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Under the guidance of

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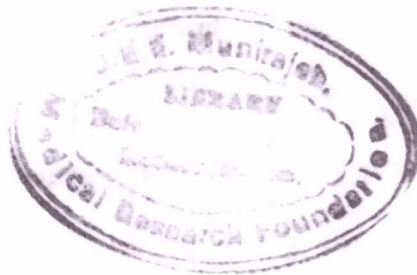
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APRIL -2022



EVALUATION CERTIFICATE

This is to certify that this dissertation work entitled “ **BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ANASTROZOLE USING LC-MS/MS IN HUMAN K2EDTA PLASMA**” submitted by the student bearing **Mr.N.BALAJI (Reg.No. 261930702)** to “ Tamil Nadu DR.M.G.R Medical University”, Chennai in partial fulfillment for the award of degree of **MASTER OF PHARMACY in PHARMACEUTICAL ANALYSIS** was evaluated by us during the examination held on.....



R. N. Balaji
Internal Examiner 14/9/20

[Signature]
External Examiner
M. K. Chinnabavani



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CERTIFICATE

This is to certify that the dissertation entitled "BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ANASTROZOLE USING LC-MS/MS IN HUMAN K2EDTA PLASMA" is the bonafide work carried out by Mr.N.BALAJI (Reg.No. 261930702) under the guidance of Mr.R.VIJAY AMIRTHARAJ, M.Pharm., HOD Department of Pharmaceutical Analysis, JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy Komarapalayam in a partial fulfillment of requirements for the Degree of Master of Pharmacy in Pharmaceutical Analysis and this is forwarded to the Tamil Nadu Dr. MGR. Medical University, Chennai.

R. Vijay Amirtharaj

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Place: Komarapalayam.

Date: 17/8/22

N. Senthilkumar

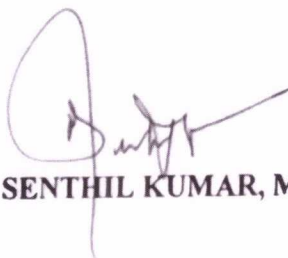
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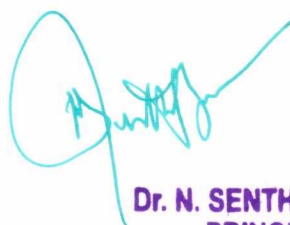
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Date : 12/8/22



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ETHIRMEDU, KOMARAPALAYAM - 638 183.
NAMAKKAL DISTRICT, TAMILNADU.

**SIMULTANEOUS ANALYTICAL METHOD
DEVELOPMENT AND VALIDATION OF ROSUVASTATIN
AND OLMESARTAN MEDOXOMIL IN COMBINED
TABLET DOSAGE FORM BY RP-HPLC**

Dissertation submitted to

THE TAMILNADU Dr.M.G.R.MEDICAL UNIVERSITY

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In partial fulfillment of the requirements for the award of the degree of

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IN

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Submitted by

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Reg.No.261930701

Under the guidance of

Dr.P. KALAISELVI M.Pharm., Ph.D.,



DEPARTMENT OF PHARMACEUTICAL ANALYSIS

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EVALUATION CERTIFICATE

This is to certify that this dissertation work entitled "SIMULTANEOUS ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ROSUVASTATIN AND OLMESARTAN MEDOXOMIL IN COMBINED TABLET DOSAGE FORM BY RP-HPLC " submitted by the student bearing Mr. BABU.R (Reg.No. 261930701) to " Tamil Nadu DR.M.G.R Medical University", Chennai in partial fulfillment for the award of degree of MASTER OF PHARMACY in PHARMACEUTICAL ANALYSIS was evaluated by us during the examination held on..17.10.5/2022

R. Vignesh
Internal examiner

N. Krishnaveeni
External examiner



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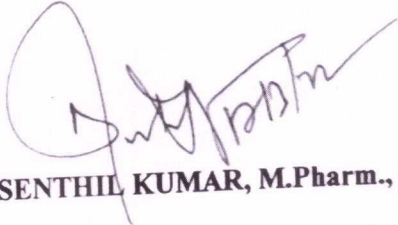
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Place :Komarapalayam

Date : 




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Exhibit FB/22
Dr. P. KALAISELVI M. Pharm., Ph.D., (Guide)

Associate Professor,

Department of Pharmaceutical Analysis

Place: Komarapalayam.

Date: 17/03/2022



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SUMMARY AND CONCLUSION

A RP-HPLC method for Rosuvastatin and Olmesartan medoxomil was developed and Validated in tablet dosage form as per ICH Guide lines

UV visible Detector and Column C18(150 × 4.6mm)5 μ injection of 20 μ l is injected and eluted with the mobile phase of Acetonitrile : 0.01M sodium dihydrogen phosphate pH 4.0 adjust with phosphoric acid in the ratio 45:55 which was pumped at a flow rate of 1.0ml at 240nm. The peak of Rosuvastatin and Olmesartan medoxomil was found well separated within 13min. The developed method was validated for various parameters as per ICH guidelines like system suitability, linearity, system precision, method precision, recovery, robustness , LOD& LOQ.

The analytical method validation of Rosuvastatin and Olmesartan medoxomil by RP- HPLC method was found to be satisfactory and could be used for the routine pharmaceutical analysis of Rosuvastatin and Olmesartan medoxomil.

FUTURE SCOPE

In the above mentioned RP-HPLC method for estimation of Rosuvastatin and Olmesartan medoxomil in combined tablet dosage form, and the run time was found to be within 10 minutes, retention time of Rosuvastatin and Olmesartan medoxomil is 4.7 & 6.0 minutes. Hence the present method is Rapid, Specific, Precise, Accurate, Linear can be used for routine analysis of these drugs from tablet formulation.



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**ANALYTICAL METHOD DEVELOPMENT AND
VALIDATION FOR THE DETERMINATION OF
METFORMIN AND GLICLAZIDE BY UHPLC IN
SOLID DOSAGE FORMS**

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Under the guidance of

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This is to certify that this dissertation work entitled "ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR THE DETERMINATION OF METFORMIN AND GLICLAZIDE BY UHPLC IN SOLID DOSAGE FORMS " submitted by the student bearing Mr. GOBINATH. S (Reg.No. 261930704) to " Tamil Nadu DR.M.G.R Medical University", Chennai in partial fulfillment for the award of degree of MASTER OF PHARMACY in PHARMACEUTICAL ANALYSIS was evaluated by us during the examination held on..17.05.22.

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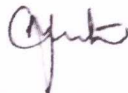
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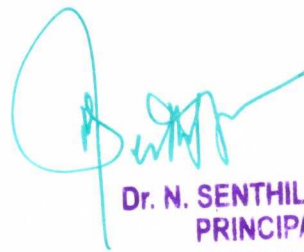
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CHAPTER- 7

SUMMARY AND CONCLUSION

Summary Table

Parameters		Gliclazide	Metformin	Limit
Linearity : Regression equation ($Y=mx+c$)		$y= 0.0646x + 0.5326$ ($R=1,000$)	$y=3.4089x+35.3278$ ($R=0.999$)	$R<1$
Assay (% mean assay)		99.20%	98.99%	98-102%
Specificity		Specific	Specific	No interference of any peak
System precision %RSD		0.84	0.41	NMT 2.0%
Method precision %RSD		0.84	0.41	NMT 2.0%
Accuracy %		98.88% t 101.42%	98.12% to 100.77%	98 - 102 %
Robustness	FR IN	0.70	0.93	%RSD NMT 2.0
	FR DE	0.70	0.88	
	W IN	0.50	1.16	
	W DE	0.69	0.37	

Conclusion

A simple, Accurate, precise method was developed for the simultaneous estimation of the Metofrmin Hcl and gliclazide in solid dosage form. Retention time of Metofrmin Hel and gliclazide were found 1.794min and 3.51 min respectively. $\frac{1}{2}$ RSD of the Metofrmin Hel and gliclazide found 0.41 and 0.84 respectively. %Assay were obtained as 99.20 % for Metofrmin Hcl and 98.99 % gliclazide for Retention times were decreased and that run time was decreased, so the method developed was simple and economical that can be adopted in regular Quality control test in Industries

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**ANALYTICAL METHOD DEVELOPMENT AND
VALIDATION OF MONTELUKAST SODIUM AND
FEXOFENADINE HYDROCHLORIDE IN COMBINED
TABLET DOSAGE FORM BY UHPLC**

Dissertation submitted to

THE TAMILNADU Dr.M.G.R.MEDICAL UNIVERSITY

CHENNAI- 600 032

In partial fulfillment of the requirements for the award of the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL ANALYSIS

Submitted by

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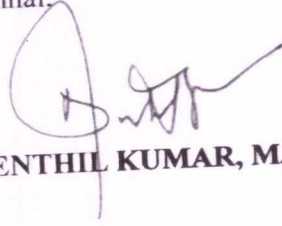
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CHAPTER-8

SUMMARY AND CONCLUSION

A UHPLC method for Montelukast Sodium and Fexofenadine hydrochloride was developed and Validated in tablet dosage form as per ICH Guide lines.

UV visible Detector and Column C18(4.6mm × 50mm;1.8 microns)5 μ is injected and eluted with the mobile phase of Acetonitrile :Methanol :buffer (30:20:50) which was pumped at a flow rate of 1.0ml at 240nm. The peak of Montelukast Sodium and Fexofenadine hydrochloride was found well separated within 6 min. The developed method was validated for various parameters as per ICH guidelines like system suitability, linearity, system precision, method precision, robustness, LOD& LOQ. The analytical method validation of Montelukast Sodium and Fexofenadine hydrochloride by UHPLC method was found to be satisfactory and could be used for the routine pharmaceutical analysis of Montelukast Sodium and Fexofenadine hydrochloride.

FUTURE SCOPE

In the above mentioned UHPLC method for estimation of Montelukast Sodium and Fexofenadine hydrochloride in combined tablet dosage form, and the run time was found to be within 6 minutes, retention time of Fexofenadine hydrochloride and Montelukast Sodium 3.5 & 4.3 minutes. Hence the present method is Rapid, Specific, Precise, Accurate, Linear can be used for routine analysis of these drugs from tablet formulation.



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**ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF
ROSUVASTATIN AND CLOPIDOGREL IN TABLET ASSAY BY**

RP-HPLC METHOD

Dissertation submitted to

THE TAMILNADU Dr.M.G.R.MEDICAL UNIVERSITY
CHENNAI- 600 032

In partial fulfillment of the requirements for the award of the Degree of

MASTER OF PHARMACY

IN

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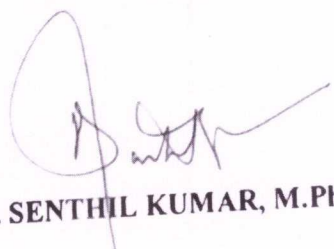
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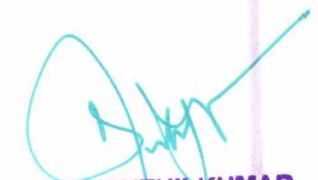


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8. SUMMARY AND CONCLUSION

A RP-HPLC method for ROSUVASTATIN AND CLOPIDOGREL was developed and Validated in tablet dosage form as per ICH Guide lines

UV visible Detector and Column C18(240 × 4.6mm)5μ injection of 20μl is injected and eluted with the mobile phase of Acetonitrile : water and 0.1 ml triethylamine and 0.5% trifluoroacetic acid (75:25 v/v) in the ratio 75:25 which was pumped at a flow rate of 1.0ml at 288nm. The peak of Rosuvastatin and Clopidogrel was found well separated within 13min. The developed method was validated for various parameters as per ICH guidelines like system suitability, linearity, system precision, method precision, recovery, robustness.

The analytical method validation of Rosuvastatin and Clopidogrel and by RP-HPLC method was found to be satisfactory and could be used for the routine pharmaceutical analysis of Rosuvastatin and Clopidogrel.

FUTURE SCOPE

In the above mentioned RP-HPLC method for estimation of Rosuvastatin and Clopidogrel in combined tablet dosage form, and the run time was found to be within 18 minutes, retention time of Rosuvastatin and Clopidogrel is 6.47 & 13.58 minutes. Hence the present method is Rapid, Specific, Precise, Accurate, Linear can be used for routine analysis of these drugs from tablet formulation.



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ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF
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DOSAGE FORM BY RP-UHPLC

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In partial fulfillment for the award of degree of

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IN
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CHAPTER-8

SUMMARY AND CONCLUSION

A RP-UHPLC method for Atorvastatin and Fenofibrate was developed and Validated in tablet dosage form as per ICH Guidelines

UV visible Detector and Column C18; 4.6mm X 50 mm; 1.8 μ injection of 5 μ l is injected and eluted with the mobile phase of Acetonitrile : Methanol: buffer in the ratio of (45:20:35 v/v) which was pumped at a flow rate of 1.0ml at 280nm. The peak of Atorvastatin and Fenofibrate was found well separated within 6min. The developed method was validated for various parameters as per ICH guidelines like system suitability, linearity, system precision, method precision, Accuracy, robustness .

The analytical method validation of Atorvastatin and Fenofibrate by RP-UHPLC method was found to be satisfactory and could be used for the routine pharmaceutical analysis of Atorvastatin and Fenofibrate



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**ANALYTICAL METHOD DEVELOPMENT AND VALIDATION
OF TELMISARTAN AND BENIDIPINE HYDROCHLORIDE
TABLET ASSAY BY RP- HPLC METHOD**

Dissertation submitted to

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CERTIFICATE

This is to certify that the dissertation entitled "ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF TELMISARTAN AND BENIDIPINE HYDROCHLORIDE TABLET ASSAY BY RP-HPLC METHOD" is the bonafide work carried out by Ms.MANIMEGALAI. A (Reg.No. 261930708), under the guidance of Mrs. B. ANBARASI, M. Pharm., (Ph.D) ., Asst. Prof. Department of Pharmaceutical Analysis. JKKMMRF's Annai jkk sampoorani ammal College of Pharmacy , Komarapalayam in a partial fulfillment of requirements for the Degree of Master of Pharmacy in Pharmaceutical Analysis and this is forwarded to the Tamil Nadu Dr. M.G.R. MedicalUniversity, Chennai.

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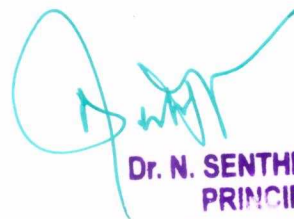
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Date: 17/3/22



8. SUMMARY AND CONCLUSION

A RP-HPLC method for Telmisartan and Bendipine hydrochloride was developed and Validated in tablet dosage form as per ICH Guide lines

Dual λ Absorbance Detector and Column C18(240 \times 4.6mm)5 μ injection of 10 μ l is injected and eluted with the mobile phase of 20 mM Potassium dihydrogen phosphate pH - 4.6 and (Acetonitrile: Methanol 80:20 v/v) 55:45 v/v which was pumped at a flow rate of 1.2 ml at 220 nm. The peak of Telmisartan and Bendipine hydrochloride was found well separated within 7 min. The developed method was validated for various parameters as per ICH guidelines like system suitability, linearity, system precision, method precision, recovery, robustness.

The analytical method validation of Telmisartan and Bendipine hydrochloride by RP- HPLC method was found to be satisfactory and could be used for the routine pharmaceutical analysis of Telmisartan and Bendipine hydrochloride.

FUTURE SCOPE

In the above mentioned Assay by RP-HPLC method of Telmisartan and Bendipine hydrochloride tablet, and the run time was found to be within 7 minutes, retention time of Telmisartan and Bendipine hydrochloride is 4.1 & 5.4 minutes. Hence the present method is Rapid, Specific, Precise, Accurate, Linear can be used for routine analysis of these drugs from tablet formulation.



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**ANALYTICAL METHOD DEVELOPMENT AND
VALIDATION OF PREGABALIN AND ETORICOXIB IN
COMBINED TABLET DOSAGE FORM BY RP-HPLC**

Dissertation submitted to

THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY CHENNAI- 600 032

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF PHARMACY
IN
PHARMACEUTICAL ANALYSIS**

Submitted by

SHAKTHI.R

Reg.No.261930709

Under the guidance of

Dr. M.CHITHRA M.Pharm., Ph.D.,

Associate Professor



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**DEPARTMENT OF PHARMACEUTICAL ANALYSIS
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EVALUATION CERTIFICATE

This is to certify that this dissertation work entitled "ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ETORICOXIB AND PREGABALIN IN COMBINED TABLET DOSAGE FORM BY RP-HPLC" submitted by the student bearing Mrs. SHAKTHIR (Reg.No. 261930709) to Tamil Nadu DR.M.G.R Medical University, Chennai in partial fulfillment for the award of degree of MASTER OF PHARMACY in PHARMACEUTICAL ANALYSIS was evaluated by us during the examination held on.....

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Dr. N. Senthilkumar

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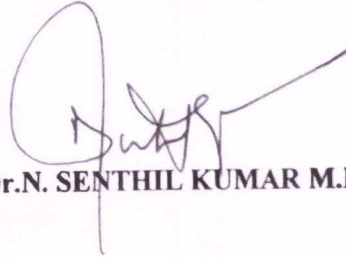
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This is to certify that the dissertation entitled "ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ETORICOXIB AND PREGABALIN IN COMBINED TABLET DOSAGE FORMBYRP-HPLC" submitted by the student bearing Mrs. SHAKTHI.R (Reg.No.261930709) under the guidance of Dr.M.CHITHRA, M.Pharm., Ph.D., Asst. Prof. Department of Pharmaceutical Analysis. JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam in a partial fulfillment of requirements for the Degree of Master of Pharmacy in Pharmaceutical Analysis and this is forwarded to the Tamil Nadu Dr. M.G.R. Medical University, Chennai.



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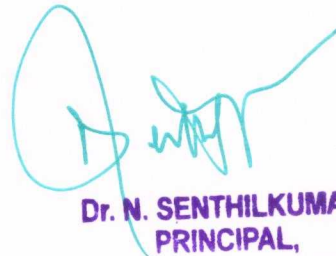
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SUMMARY AND CONCLUSION

A RP-HPLC method for Pregabalin and Etoricoxib was developed and validated in tablet dosage form as per ICH Guide lines

UV visible Detector and Column C18(240 × 4.6mm)5 μ injection of 20 μ l is injected and eluted with the mobile phase of Pottasium di hydrogen ortho phosphate buffer : Acetonitrile (60:40 v/v) in the ratio 60:40 which was pumped at a flow rate of 1.0ml at 220nm. The peak of Pregabalin and Etoricoxib was found well separated within 19min. The developed method was validated for various parameters as per ICH guidelines like system suitability, linearity, system precision, method precision, recovery, robustness, LOD& LOQ.

The analytical method validation of by RP- HPLC method was found to be satisfactory and could be used for the routine pharmaceutical analysis of Pregabalin and Etoricoxib

FUTURE SCOPE

In the above mentioned RP-HPLC method for estimation of Pregabalin and Etoricoxib in combined tablet dosage form, and the run time was found to be within 19 minutes, retention time of Pregabalin and Etoricoxib is 4.0 & 9.3 minutes. Hence the present method is Rapid, Specific, Precise, Accurate, Linear can be used for routine analysis of these drugs from tablet formulation.



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**METHOD DEVELOPMENT AND VALIDATION FOR THE
SIMULTANEOUS ESTIMATION OF CLINIDIPINE AND
TELMISARTAN IN PHARMACEUTICAL DOSAGE FORM BY
RP-HPLC**

Dissertation submitted to

**THE TAMILNADU Dr.M.G.R.MEDICAL UNIVERSITY
CHENNAI- 600 032**

In partial fulfillment of the requirements for the award of the degree of
MASTER OF PHARMACY

IN

PHARMACEUTICAL ANALYSIS

Submitted by

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OCTOBER -2021



EVALUATION CERTIFICATE

This is to certify that this dissertation work entitled " **METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF CLINIDIPINE AND TELMISARTAN IN PHARMACEUTICAL DOSAGE FORM BY RP-HPLC** " submitted by the student bearing **Ms. YASOTHA.S (Reg.No. 261930710)** to " **Tamil Nadu DR.M.G.R Medical University**", Chennai in partial fulfillment for the award of degree of **MASTER OF PHARMACY in PHARMACEUTICAL ANALYSIS** was evaluated by us during the examination held on.....

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N. Krishnan
External Examiner 17/5/22



Dr. N. Senthilkumar

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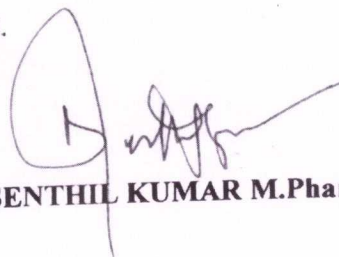
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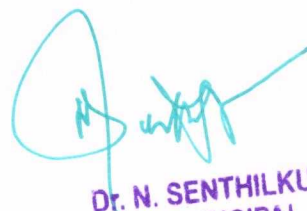
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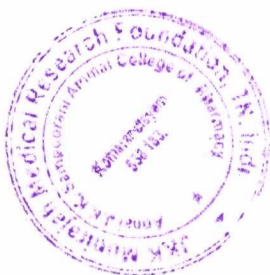
This is to certify that the dissertation entitled " **METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF CLINIDIPINE AND DELMISARTAN IN PHARMACEUTICAL DOSAGE FORM BY RP-HPLC**" is the bonafide work carried out by **Ms.YASOTHA.S, (Reg.No. 261930710)** under the guidance of **Mr.R.VIJAY AMIRTHARAJ, M.Pharm.,** HOD Department of Pharmaceutical Analysis, JKKMMRF's Annai JKK sampoorani ammal College of Pharmacy Komarapalayam in a partial fulfillment of requirements for the Degree of Master of Pharmacy in Pharmaceutical Analysis and this is forwarded to the Tamil Nadu Dr. MGR. Medical University, Chennai.

R. Vijay Araj

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Vice Principal & Head of the Department,
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Place: Komarapalayam.

Date: 18/3/22



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NAMAKKAL DISTRICT, TAMILNADU.

CONCLUSION

A RP-HPLC method for Telmisartan and Clinidipine was developed and validated in tablet dosage form as per ICH Guide lines

UV visible Detector and Column C18(250 × 4.6mm)5 μ injection of 20 μ l is injected and eluted with the mobile phase of Acetonitrile : disodium hydrogen phosphate and Dil.Orthophosphoric acid (50:50 v/v) in the ratio 50:50 which was pumped at a flow rate of 1.0ml at 240nm. The peak of Telmisartan and Clinidipine was found well separated within 13min. The developed method was validated for various parameters as per ICH guidelines like system suitability, linearity, system precision, method precision, recovery, robustness , LOD& LOQ.

The analytical method validation of Telmisartan and Clinidipine by RP-HPLC method was found to be satisfactory and could be used for the routine pharmaceutical analysis of Telmisartan and Clinidipine.



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ETHIRMEDU, KOMARAPALAYAM - 638 183.
NAMAKKAL DISTRICT, TAMILNADU.

**Study Of Phytochemical Analysis and *Invitro* Anti-Diabetic,
Anti-Inflammatory Activitys of *Cyperus Rotundus*.**

DISSERTATION

Submitted to

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY, CHENNAI

In partial fulfillment of the award of degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

Submitted by

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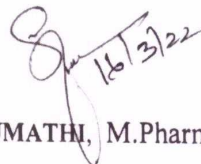
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CERTIFICATE

This is to certify that the dissertation "Study of Phytochemical Analysis and *In vitro* Anti-Diabetic, Anti-Inflammatory Activities of *Cyperus Rotundus*" submitted by V.KALAIVANI to THE TN DR.MGR MEDICAL UNIVERSITY, CHENNAI in partial fulfillment for the award of **Master Of Pharmacy**. This bonafide work was carried out in the Department of pharmaceutical chemistry, Annai J.K.K. sampoorani ammal college of pharmacy, namakkal during the academic year 2019-21. Under my direct guidance and supervision.


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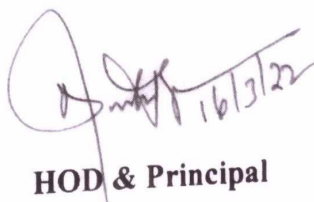
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CERTIFICATE

This is to certify that the dissertation entitled "**Study of Phytochemical Analysis and In vitro Anti-Diabetic, Anti-Inflammatory Activities of *Cyperus Rotundus***" submitted by V.KALAIVANI. to THE TN Dr.MGR MEDICAL UNIVERSITY, CHENNAI in partial fulfillment for the award of **Master Of Pharmacy**. This bonafide work was carried out under the guidance of Dr.K.SUMATHI. Associate Professor Department of pharmaceutical chemistry, Annai J.K.K. sampoorani ammal college of pharmacy, namakkal during the academic year 2019-21.


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CERTIFICATE

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ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,
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SYNTHESIS, CHARACTERIZATION AND *IN-VITRO* ANTI-
INFLAMMATORY ACTIVITY AND ANTI OXIDANT ACTIVITY OF
SOME NOVEL CHALCONE BASED PARACETAMOL DERIVATIVES

Dissertation submitted to
THE TAMILNADU DR. M.G.R MEDICAL UNIVERSITY- CHENNAI -32

In partial fulfillment for the award of degree of

MASTER OF PHARMACY
IN
PHARMACEUTICAL CHEMISTRY

Submitted by

M. LOGANATHAN

Reg.No: 261915603

Under the Guidance of

Dr. A. CHITRA M.PHARM., PH.D.,

Associate Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

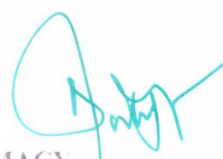


DEPARTMENT OF PHARMACEUTICAL CHEMISTRY
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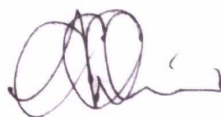



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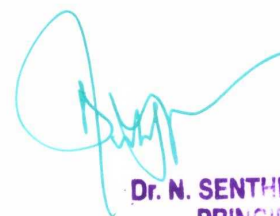
CERTIFICATE

This is to certify that the dissertation work entitled "**Synthesis, Characterization and *In-Vitro* anti-inflammatory activity and anti oxidant activity of some novel chalcone based paracetamol derivatives**" submitted to the Tamilnadu Dr. M.G.R., Medical University, Chennai, is a bonafide work, which was carried out by **M. LOGANATHAN (Reg.No: 261915603)**, for the partial fulfillment for the degree of **MASTER OF PHARMACY**, in Pharmaceutical Chemistry, under my guidance during the academic year 2019-2021.



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This is to certify that the dissertation work entitled "**Synthesis, Characterization and *In-Vitro* anti-inflammatory activity and anti oxidant activity of some novel chalcone based paracetamol derivatives**" submitted to the Tamilnadu Dr. M.G.R., Medical University, Chennai, is a bonafide work, which was carried out by **M. LOGANATHAN (Reg.No: 261915603)**, for the partial fulfillment for the degree of **MASTER OF PHARMACY**, in Pharmaceutical Chemistry, under my guidance and supervision of **Dr. A. CHITRA, M.Pharm., Ph.D.**, Associate Professor, Department of Pharmaceutical Chemistry during the academic year 2019-2021.


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Date :

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**“ENZYME – CATALYZED ALDOL CONDENSATION SYNTHESIS OF
CHALCONES AND THEIR EVALUATION”**

Dissertation submitted to

THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY

CHENNAI-32

In partial fulfillment for the award of degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

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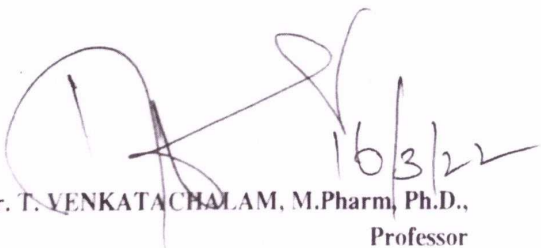
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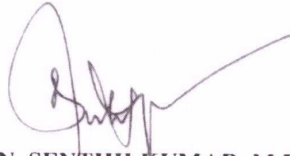
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**“DESIGN, SYNTHESIS AND CHARACTERIZATION OF SOME
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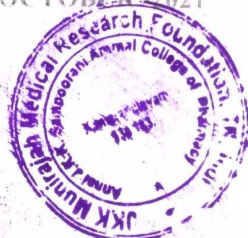


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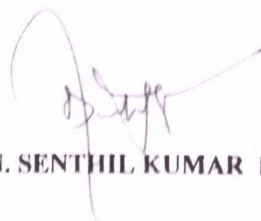
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“TO DESIGN, SYNTHESIS OF A NOVEL SUBSTITUTED TRIAZOLE DERIVATIVES
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Dissertation submitted to

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In partial fulfillment of the requirements for the award of the degree of
MASTER OF PHARMACY

IN
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Submitted by

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Dissertation submitted to

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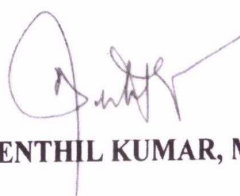
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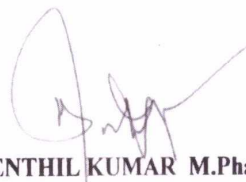
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