

**FORMULATION DEVELOPMENT AND EVALUATION OF TASTE
MASKED CHEWABLE TABLET OF SILDENAFIL CITRATE**

Dissertation submitted to

THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY,
CHENNAI-600032

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

MASTER OF PHARMACY

IN

PHARMACEUTICS

By

R.Sasikumar

(REG NO: 261510402)

Under the guidance of

Mr.V.Sivakumar. M.Pharm, (Ph.D)

Department of Pharmaceutics



**DEPARTMENT OF PHARMACEUTICS,
ARULMIGU KALASALINGAM COLLEGE OF PHARMACY,
ANAND NAGAR, KRISHNANKOIL – 626 126**

OCTOBER – 2017.



CERTIFICATE

This is to certify that the investigation described in the dissertation entitled **“FORMULATION DEVELOPMENT AND EVALUATION OF TASTE MASKED CHEWABLE TABLET OF SILDENAFIL CITRATE”** submitted by **Reg.No:261510402** was carried out in the Department of Pharmaceutics, **Arulmigu Kalasalingam College of Pharmacy, Anand Nagar, Krishnankoil-626 126**, which is affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Chennai, under the supervision and guidance of **Mr.V.Sivakumar M.Pharm.,(Ph.D)** Associate Professor, Department of Pharmaceutics for the partial fulfillment of degree of **MASTER OF PHARMACY in PHARMACEUTICS**.

Place: Krishnankoil

Date:

Dr.N.Venkateshan. M.Pharm., PhD.,

Principal

Arulmigu Kalasalingam College of Pharmacy.

Anand Nagar, Krishnankoil-626 126.



CERTIFICATE

This is to certify that this investigation described in the dissertation entitled **“FORMULATION DEVELOPMENT AND EVALUATION OF TASTE MASKED CHEWABLE TABLET OF SILDENAFIL CITRATE ”** submitted by **Reg.No:261510402** was carried out in the Department of Pharmaceutics, **Arulmigu Kalasalingam College of Pharmacy, Anand Nagar, Krishnankoil-626 126**, which is affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Chennai, under my supervision and guidance for the partial fulfillment of degree of MASTER OF PHARMACY in PHARMACEUTICS.

Place: Krishnankoil

Mr.V.Sivakumar M.Pharm., (Ph.D)

Date:

Department of Pharmaceutics,
Arulmigu Kalasalingam College of Pharmacy,
Anand Nagar, Krishnankoil-626 126



EVALUATION CERTIFICATE

This is to certify that the dissertation work entitled **“FORMULATION DEVELOPMENT AND EVALUATION OF TASTE MASKED CHEWABLE TABLET OF SILDENAFIL CITRATE”** submitted by Reg.No:261510402 to The Tamil Nadu Dr. M.G.R. Medical University, Chennai, in partial fulfillment of the requirements for the award of degree of MASTER OF PHARMACY in PHARMACEUTICS was evaluated by,

Date:

Centre: Arulmigu Kalasalingam College of Pharmacy,
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LIST OF ABBREVIATIONS

S.NO	Abbreviations	Expanded Terminology
1.	NCE	New chemical entity
2.	CNS	Central nervous system
3.	GPCRS	G-protein coupled receptors
4.	CMT	Continuous multipurpose melt Technology
5.	GIT	Gastro Intestinal Tract
6.	IER	Ion Exchange Resin
7.	FTIR	Fourier Transform Infrared Radiation
8.	Kg	Kilogram
9.	Mg	Milligram
10.	µg	Microgram
11.	RH	Relative Humidity
12.	Nm	Nano meter
13.	C	Centigrade
14.	Gms	Grams
15.	Q	Quantity
16.	Mins	Minutes
17.	Sec	Second
18.	Mm	Milli meter
19.	Gm	Gram
20.	MI	Milli liter
21.	Rpm	Rotation per minute
22.	PDE	Phosphodiesterase
23.	UV	Ultra Violet
24.	CCS	Cros Caramellose Sodium
25.	PVP	Poly Vinyl Pyrolidine
26.	%	Percentage
27.	Fig	Figure
28.	FDA	Food And Drug Administration
29.	USP	United state pharmacopeia

30.	WHO	World Health Organization
31.	ICH	International Conference for Harmonization
32.	API	Active Pharmaceutical Ingredient

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