

A PROJECT REPORT ON
ROLE OF CHEMICAL MARKER IN STANDARDIZATION OF
HERBAL DRUGS

Submitted for Partial Fulfilment of the Requirement for
the Award of Bachelor of Pharmacy
2021-2022

SUPERVISED BY

DR. ARJUN PATRA

M.Pharm, Ph.D.

(Assistant Professor)

SUBMITTED BY

ABU SHARIM HABIB

B.Pharm 8th Sem.

ROLL NO 18006001



DEPARTMENT OF PHARMACY

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR C.G.

DEPARTMENT OF PHARMACY
GURU GHASIDAS VISHWAVIDYALAYA
BILASPUR (C.G.)

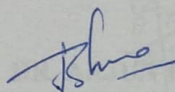
(A Central university Established by Central University Act-2009 No.25 of 2009)
Tel. No. 07752-260027; Fax No. 07752-260148

FORWARDING CERTIFICATE

This is to certify that ABU SHARIM HABIB S/O MD.HABIB is a student of B. Pharmacy VIII Semester in DEPARTMENT OF PHARMACY G.G.V. Bilaspur (CG) has completed his project work ROLE OF CHEMICAL MARKER IN STANDARDIZATION OF HERBAL DRUG' under guidance of Dr. ARJUN PATRA (Assistant Professor), during academic session 2021-2022.

I recommend the report to be forwarded to the respective examiner for evaluation purpose.

FORWARDED BY



Dr. Bharti Ahirwar

Head of Department

Department of Pharmacy

Guru Ghasidas Vishwavidyala

Bilaspur C.G.

HEAD
S.L.T. Institute of Pharm. Sciences
Guru Ghasidas Vishwavidyalaya,
Bilaspur (C.G.)

DEPARTMENT OF PHARMACY
GURU GHASIDAS VISHWAVIDYALAYA,
BILASPUR (C.G.)

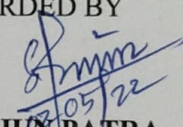
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CERTIFICATE

This is to certify that **Mr. ABU SHARIM HABIB s/o MD HABIB** is a student of B.pharm VIII semester in DEPARTMENT OF PHARMACY, GURUGHASIDAS VISHWAVIDYALA BILASPUR (CG) has completed his report work “ **ROLE OF CHEMICAL MARKER IN STANDARDIZATION OF HERBAL DRUGS**” under my guidance during academic session 2021-2022

I hereby forward this project.

FORWARDED BY


DR. ARJUN PATRA
(Assistant Professor)

Acknowledgement

I would like to express my special thanks of gratitude to my teacher Dr. ARJUN PATRA sir who gave the wonderful suggestions to prepare report on topic: **ROLE OF CHEMICAL MARKER IN STANDARDIZATION OF HERBAL DRUGS**. I am also grateful to Dr. Bharti Ahirwar, Head of the Department for her support and suggestions.

I am really thankful to my parents and I would also like to thanks to my senior, friends who have helped me with their valuable suggestions and guidance.

Abu Sharim

ABU SHARIM HABIB

B. PHARM 8TH SEMESTER

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Crude plant material such as leaves, flowers, fruit, seed, bark, wood, bark, roots, rhizomes or other plant parts, which may be entire, fragmented or powdered.

HERBAL DRUGS

Finished finished product that contain active ingredients such as aerial or underground parts of plant or other plant material or combination thereof, whether in the crude state or in plant preparation.

DRUG STANDARDIZATION

Standardization of herbal drug refers to "confirmation of its identity and determination of its quality, purity and detection of nature of adulterant by parameters like morphological, macroscopic, physical, chemical and biological observations."

Standardization of herbal products is essential for their acceptance of herbal products as medicine for various diseases and ailments. It is necessary to establish consistent quality standards to which aim to detect the full spectrum of bioactive chemical constituents. Conventionally, standardizing in medicinal plants, Worker (1992) & Anandharam (1997) are some of the commonly accepted methods which is based on the analysis of phytochemical markers using conventional chromatographic techniques such as HPLC, GC, etc.