



PHARMACOGNOSTIC, PRELIMINARY PHYTO CHEMICAL AND HPTLC PROFILE OF ROOT OF- *Azima tetraantha* Lam. –A WELL KNOWN PLANT USED IN FOLKLORE AND SIDDHA MEDICINE

¹Dr. K.S. GANGA, ²Dr. JOSHI SRIDEVI, ³Dr. BHAT SWAPNA

¹PG Scholar, Professor, Dept of Dravya Guna Vijnana, Ashok Nagar, Mangalore, Karnataka.

²Head of The Department, Dravya Guna Vijnana, Ashok Nagar, Mangalore, Karnataka.

³Karnataka Ayurveda Medical College and Hospital, Ashok Nagar, Mangalore, Karnataka.

Email Id: serviceheb@gmail.com

ABSTRACT

Introduction: The Pharmacopeia of *Ayurveda* was based on the understanding of the nature of the *dravyas*, which constitute the human body, mind, and the dynamic exchanges of these *dravyas* with the milieu and on how the disharmony is restored. Ethno botany is the branch of botany deals with the study of the relationship between people and plants. *Azima tetraantha* Lam belongs to SALVORADACEAE family is an extra pharmacopeal drug in *Ayurveda*, which is extensively used in Folklore and Siddha medical practice for various ailments like urinary disorders, arthritis, cough, poison treatment etc.

Methodology: Plant description, pharmacognostic, physico-chemical, preliminary phytochemical and HPTLC studies were carried out. **Results :** The preliminary phyto chemical study from Aqueous and Alcoholic Extracts of *Azima tetraantha* Lam root showed the presence of Flavonoids, Phenols, Saponins and Carbohydrates which shows pharmacological activities like anti inflammatory, analgesic, anti microbial, anti oxidant activity. **Conclusion:** The results obtained from the pharmacognostical, physico-chemical tests, preliminary phytochemical analysis and HPTLC studies help in the standardization based on the identity, purity etc of the plant material.

KEYWORDS: Ethno medicine, Extra Pharmacopeial drug, *Azima tetraantha* Lam root, pharmacognostical, physico chemical, preliminary phytochemical , HPTLC.

Access this Article Online

Website:<http://heb-nic.in/jrim>

Received on 14/04/2022

Accepted on 21/04/2022 © HEB All rights reserved

Quick Response Code:

