IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 4, April 2022

Studies on Qualitative Analysis of Some Phytochemical of Mimusops elengi L. from Dapoli Tahsil, Ratnagiri

Santosh S. Marathe, Vikram P. Masal, Rohit R. Patil

Dapoli Urban Bank Senior Science College, Dapoli, Ratnagiri, Maharashtra, India rohitpatil4874@gmail.com

Abstract: Mimusops elengi L Phytochemical are bioactive non-nutrient plant compounds in fruits, vegetables, grains, and other plant foods that have been linked to reducing the risk of major chronic diseases. Dietary intake of phytochemicals may promote health benefits, protecting against chronic degenerative disorders, such as cancer, cardiovascular and neurodegenerative diseases. phytochemical, either alone or in combination, have tremendous therapeutic potential in curing various ailments. Some of the benefits of phytochemical are their low toxicity, low coast, easy availability and their availability to prevent some chronic diseases. Mimuosops elengi L is one of the most used therapeutic plants by tribal peoples. In the present investigation we had studied, qualitative test of bioactive constituents of plants are alkaloids, tannins, flavonoids and phenolic etc.

Keywords: Phytochemicals, flavonoids, medicinal plant, *Mimusops elengi* L.

REFERENCES

- [1]. Agarwal AK, Pradeep G, Lakshminarasimhaiah, Praveen G, Singh GK. (2015). Pharmacognostical studies on a tropical plant, Syzygium cumini Linn from Jodhpur district, Rajasthan, North West India. World Journal of Pharmacy and Pharmaceutical Science, 4, 1023-1030.
- [2]. Antonisamy P, Duraipandiyan V, Ignacimuthu S, Kim J-H. (2015). Anti-diarrhoeal activity of friedelin isolated from Azima tetracantha Lam. in Wistar rats. South Indian Journal of Biological Sciences, 1(1), 34-37.
- [3]. Arya D, Patni V. (2013). Pharmacognostic profile and phytochemical investigation of Pluchea lanceolata Oliver & Hiern. In vivo and in vitro. International Journal of Pharmaceutical Sciences Review and Research, 22, 157-161.
- [4]. Ashish T, Sethiya Neeraj K, Mishra SH. (2011). Preliminary pharmacognostic and phytochemical analysis of "Granthika" (Leonotis nepetaefolia): an ayurvedic herb. Indian Journal of Traditional Knowledge, 10, 682-688.
- [5]. Balamurugan R. (2015). Smilax chinensis Linn. (Liliaceae) root attenuates insulin resistance and ameliorate obesity in high diet induced obese rat. South Indian Journal of Biological Sciences, 1(1), 47-51.
- [6]. Barathi KK, Agastian P. (2015). In vitro regeneration of a rare antidiabetic plant Epaltes divaricata L. South Indian Journal of Biological Sciences, 1(1), 52-59.
- [7]. 7. Biswal BD, Saha S, Beura SB, Jana A, Koley D Sur, Mohanty JC. (2011). Pharmacognostic studies of leaves of Derris Indica. International Journal of Pharmacy and Biomedical Science, 2, 294-296.
- [8]. Das AMP, Dhanabalan, Doss RA, Palaniswamy M. (2009). Phytochemical screening and antibacterial activity of aqueous and methanolic leaf extracts of two medicinal plants against bovine mastitis bacterial pathogens. Ethnobotanical Leaflets, 13, 131-39.
- [9]. Ghosh AK, Banerjee S, Mullick HI, Banerjee J. (2011). Zingiber officinale: a natural gold. International Journal of Pharmacy and Bioscience, 2, 283-294.
- [10]. Gopinath SM, Rakesh, CK, Narasimha Murthy TP, Dayananda KS. (2012). Preliminary phytochemical evaluation of leaf extracts of Gymnema sylvestre, Phyllanthus amarus, Phyllanthus 29 reticulatus of Siddarabetta, Tumkur district, Karnataka. International Journal of Pharmacognosy and Phytochemical Research, 4, 109-111.
- [11]. Kandalkar AM, Manjunath KP Hasan Pasha Sholapur, Ansar M. Patel, Snehal SD. (2009). Phytochemical and pharmacognostic evaluation of Euphorbia hirta Linn. Leaves. Journal of Pharmacy Research, 2 349-352.

DOI: 10.48175/IJARSCT-3482

IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 4, April 2022

- [12]. Mathew BB, Suresh KJ, Archana T. (2012). Phytochemical analysis of Citrus limonum pulp and peel. International Journal of Pharmacy and Pharmaceutical Science, 4, 269-371.
- [13]. Nandhini VS, Stella Bai GV. (2015). In-vitro phytopharmacological effect and cardio protective activity of Rauvolfia tetraphylla L. South Indian Journal of Biological Sciences, 1(2), 97-102.
- [14]. Netala S, Asha Priya M, Pravallika R, Naga Tejasri S, Sumaiya Shabreen MD Nandini Kumari S. (2014). Comparative pharmacognostic studies on three species of Portulaca. International Journal of Pharmacognosy and Phytochemical Research, 6, 704-714.
- [15]. Okhale SE, Amanabo MO, Jegede IA, Egharevba HO, Muazzam IW, Kunle OF. (2010). Phytochemical and pharmacognostic investigation of antidiabetic Scoparia dulcis Linn. Scrophulariaceae whole plant grown in Nigeria. Researcher, 2, 7-16.
- [16]. Pat K. Sahira Banu& Dr. L. Cathrine International Journal of Advanced Research in Chemical Science (IJARCS)
 Page 28
- [17]. hak NI, Sanjay BK, Nayna MB. (2011). Phytochemical screening of Coriander sativum Linn. International Journal of Pharmaceutical Sciences Review and Research, 9, 159-163.
- [18]. Prakash UNK, Bhuvaneswari S, Sripriya N, Prameela L, Bhagya R, Radhika B, Balamurugan A, Arokiyaraj S. (2014). Antioxidant activity of common plants of Northern Tamil Nadu, India. International Journal of Pharmacy and Pharmaceutical Science, 6, 128-132.
- [19]. Rathi MA, Meenakshi P, Gopalakrishnan VK. (2015). Hepatoprotective activity of ethanolic extract of Alysicarpus vaginalis against nitrobenzene-induced hepatic damage in rats. South Indian Journal of Biological Sciences, 1(2), 60-65.

DOI: 10.48175/IJARSCT-3482