IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
Volume 2, Issue 1, October 2022
Impact Factor: 6.252

Review on Phytochemical Screening and Pharmacological Activities on Leaves of Moringaoleifera

Shubham M. Gunjal[1], Vaishnavi B. Gugale[2], Akshada R. Arote[3], Prof. Dipali Shelke[4]
Students, Samarth Institute of Pharmacy, Belhe, Maharashtra, India[1,2,3]
Department of Pharmacognosy, Samarth Institute of Pharmacy, Belhe, Maharashtra, India[4]

Abstract: *The leaves of Moringaoleifera were phytochemicallyanalyzed for the presence of phytoconstituents using different solvents. The result reveals the presence of alkaloids, flavanoids, glycosides, terpenoids, tannins, saponins, steroids etc. which could be a source for the industrial manufacture of useful drugs in treatment of various diseases.The leaves of Moringaoleifera were phytochemicallyanalyzed for the presence of phytoconstituents using different solvents. The result reveals the presence of alkaloids, flavanoids, glycosides, terpenoids, tannins, saponins, steroids etc. which could be a source for the industrial manufacture of useful drugs in treatment of various diseases.*

Keywords: Moringaoleifera, phytochemical screening, Drumstick, Miracle tree

REFERENCES

[1]. Jaya Gupta, Amit Gupta and A.K.Gupta. Preliminary phytochemical screening of leaves of Moringaoleifera Lam. J. Chemtracks, 16 (1), 285-288, 2014
[2]. Ramesh Kumar Saini, IyyakkannuSivanesan, Young-SooKeum . Phytochemicals of Moringaoleifera: a review of their nutritional, therapeutic and industrial significance , 3 Biotech (2016) .
[3]. Ayon Bhattacharya, PrashantTiwari ,Pratap K. Sahu , Sanjay Kumar. A Review of the Phytochemical and Pharmacological Characteristics of Moringaoleifera, September 26, 2022.
[4]. RamalingamSudha , Xavier Chandra Philip , KVP Suriyakumar Phytochemical Constituents of Leaves of Moringaoleifera
[5]. H. U. Dan Malam, Z. Abubakar and U. A. Katsayal. Pharmacognostic studies on the leaves of moringa Nig. J. Nat Prod. And Med. Vol. 05 2001 published on Aug 2016.
[6]. PoornimaShukla, ManojTripathi,pharmacognostical evaluation and antimicrobial activity of moringaoleiferalamk Int. J. Pure App. Biosci. 3 (5): 95-100 (2015) .
[7]. Monika Singh, Shilpi Singh, DigvijayVerma, Morphological and Pharmacognostical Evaluation of Moringaoleifera Lam. (Moringaceae): A Plant with High Medicinal Value in Tropical and Subtropical Parts of the World, Pharmacogn Rev 2020;14(28):138-145.
[8]. Shamim, Saad Ahmed and Lubna Fatima, Medicinal properties of Moringaoleifera (Sahajana): A ThePharma Innovation Journal 2018; 7(10): 311-316.
[9]. D.Jaiswal, R.P.Kumar, A.Kumar, S.Mehta and G.Watal, J. Ethnopharmacol, 123, 392, (2009).
[10]. SANJIVE KUMAR,medicinal importance of moringaoleifera: drumstick Indian J.Sci.Res. 16 (1): 129-132, 2017
[11]. Kashyap, P.; Kumar, S.; Riar,C.S.; Jindal, N.; Baniwal, P.; Guine,R.P.F.; Correia, P.M.R.; Mehra, R.;Kumar, H. Recent Advances inDrumstick (Moringaoleifera) Leaves Bioactive Compounds: Composition,Health Benefits, Bioaccessibility, andDietary Applications. Antioxidants 2022, 11, 402.
[12]. Anzano, A.; Ammar, M.;Papaianni, M.; Grauso, L.; Sabbah, M.;Capparelli, R.; Lanzotti, V. MoringaOleifera Lam.: A Phytochemical andPharmacologicalOverview.Horticultural 2021, 7, 409.