

# A Review on Phytopharmacological Evaluation of Lantana Camara Leaves' Smoke

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**Abstract:** *Lantana is considered one of the most important medicinal plants in the world. This plant has been used in different communities to treat different diseases. Plants have been found to have antibacterial, antitumor, antifungal, anthelmintic, antihyperglycemic and antioxidant activities. Smoke from the leaves of plants has also been found to be effective against mosquitoes. Current research was conducted to assess the phytochemistry of leaf smoke. This study revealed the presence of some compounds from the smoke. It was found that the acetone extract contained several alkaloids, the methanol extract contained tannins, flavonoids, alkaloids and sterols, and the aqua extract contained only flavonoid. Further studies are needed to determine the structural composition, mechanism of action, and effects of these compounds in the in vivo environment.*

**Keywords:** Lontanocmura, leaves, phytochemicals, smoke.

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