

# A Review on Extraction of Phytochemicals from Mint Leaves

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**Abstract:** *Mint (Mentha spp.), a widely known herb, is valued not only for its aromatic and culinary qualities but also for its medicinal properties. The leaves of mint are rich in bioactive compounds such as menthol, flavonoids, terpenoids, and phenolic acids, making them a source of diverse pharmacological activities. This review paper explores various methods of extraction of bioactive compounds from mint leaves, the evaluation of their chemical composition, and the potential therapeutic applications of these compounds. We also highlight the challenges and advancements in extraction techniques, bioactivity testing, and the potential for mint in pharmaceuticals, cosmetics, and food industries.*

**Keywords:** Mint, Mentha, Extraction, Bioactive Compounds, Therapeutic Properties, Evaluation, Phytochemical.