

Antimicrobial Effect of Manilkara Zapota Plant : Traditional and Medicinal Uses

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Abstract: *Background-The research aims to provide a detailed description of the antimicrobial activity and phytochemical composition of Manilkara zapota. Sapodilla, another name for Manilkara zapota, is widely available throughout the Indian subcontinent. Due to its widespread use in traditional medicine, it is a highly valued member of the Sapotaceae family.*

Objective-The objective of the review is to investigate the antimicrobial activity of Manilkara Zapota plant and to identify the bioactive compounds that responsible for antimicrobial activity in Manilkara Zapota plant.

Methods-The methods used in this area in vivo, in vitro methods. Microbial strain, extraction method also used in this research. Phytochemical analysis of manilkara zapota plant is carried out in this research.

Conclusion -Many phytoconstituents, including tannins, alkaloids, flavonoids, and saponins from the plant, have been reported by various authors to have a variety of biological effects, including anti-inflammatory, anti-arthritic, anti-bacterial, anti-fungal, anti-oxidant, anti-tumor, and anti-diabetic properties.

Result-This page presents a systematic, in-depth assessment of the research on this plant species, covering taxonomy, pharmacology, and phytochemistry. This review study will undoubtedly be a valuable resource for any upcoming scientific studies pertaining to this plant.

Keywords: Antimicrobial, Phytoconstituents, Manilkara zapota, Medicinal use