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Phytochemical Analysis and Cardiovascular Potential of Coriandrum sativum: A Review

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Abstract: *The objective of this study was to conduct a phytochemical investigation of various phenols, alkaloids, terpenoids, and glycosides present in solvent extracts of Coriandrum sativum from exiting literature. Plant belonging to the Umbelliferae family, Coriandrum sativum, commonly known as Dhanyaka, is a highly esteemed Ayurvedic medicinal plant. It is a small-sized tree found abundantly in India and Italy. Different parts of this plant, including seeds, leaves, flowers, and fruits, exhibit diuretic, antioxidant, antimicrobial, and anti-mutagenic properties. Despite its recognized benefits, the cardiovascular advantages of C. sativum have not been comprehensively summarized in previous literature. Therefore, this review aims to explore and discuss its effectiveness in managing cardiovascular diseases based on recent research findings. Various phytochemical evaluations have been documented, highlighting the significant potential of Coriandrum sativum. A systematic electronic search of literature was conducted using databases such as Google Scholar, encompassing articles published until January 2015. Additionally, traditional uses and phytochemistry of coriander were investigated in original sources and synthesized.*

Keywords: Coriandrum sativum, Cardiovascular, Phytochemical and Antimicrobial.

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