

Comprehensive Phytochemical Profiling of the Ethanolic Extract of *Zephyranthes candida* (Amaryllidaceae)

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Abstract: *Phytochemicals are the non-nutritive, bioactive chemical compounds that occur naturally in plants, acting as a primary defense mechanism against environmental stressors and pathogens. The extraction of these compounds using ethanol is a standard pharmacological practice, as ethanol effectively dissolves a broad spectrum of secondary metabolites including polar phenolics and non-polar terpenoids. This study aims to provide a rigorous qualitative and quantitative assessment of the chemical constituents of a specific test plant.*

Keywords: *Phytochemicals*