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Chlorophytum tuberosum Baker: A promising antioxidant

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The roots of *Chlorophytum tuberosum* Baker (Liliaceae) are widely used for medicinal and nutritional purposes from ancient time. The health promoting ability of the roots might be related to antioxidant properties of its constituents. In this study, the antioxidant effect of the roots of *Chlorophytum tuberosum* Baker was carried out. Its ethanolic extract was evaluated by comparing with DPPH radical scavenging and reducing capacity of flavonoids. In the reducing capacity assay as well as DPPH radical scavenging activity ethanolic extract of the dried roots exhibited higher and promising results than all other test samples; therefore taking fresh or dried roots of *Chlorophytum tuberosum* Baker may relatively give similar antioxidant effects as compared with the standard (ascorbic acid). As a result indicates that it is one of the good and promising antioxidant.

Biography

Chittam K P is an Assistant Professor of Pharmacognosy, DCS's Annasaheb Ramesh Ajmera College of Pharmacy, India. He has completed his BPharm and MPharm from North Maharashtra University Jalgaon and he is currently pursuing PhD from North Maharashtra University, Jalgaon. He has 8 years experience in teaching of Pharmacognosy. He has published research and review papers in some national and international journals with having good impact factor. He has also presented posters and participated in many global national as well as international conferences and seminars. He is also Life Member of APTI & handled various mini-projects of BPharm students.

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