

## Phytochemical Screening, Anti-Microbial and Mineral Determination of Stachtarpheta indica Extract

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**Abstract :** These Phytochemical screening, Antimicrobial activities and mineral Determination of aqueous extract of Stachtarpheta indica were assessed. The result reveals the presence of flavonoids, tannins, saponins, alkaloids, glycosides and anthraquinones. The disc diffusion of aqueous extract showed Escherichia coli, 13 and antibiotic, 19 mm; Bacillus subtilis, 10 and anti-biotic, 17 mm; Klebsilla pneumoniae, 14 and antibiotic, 24mm and Pseudomonas aeruginosa, 24 and antibiotic, 36 mm which are all comparable with the standard antibiotic cyptomycin. The mineral content determination by flame photometer revealed that 1.25 (Na<sup>+</sup>), 0.85 (K<sup>+</sup>), 1.75 (Ca<sup>2+</sup>) % which is a clear indication of the safety of the extract for the hypertensive patients and could be used to lower blood pressure.

**Keywords :** microbials, mineral, phytochemicals, stachtarpheta indica extracts

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