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Phytochemical Screening of *Sida spinosa* Linn.(Malvaceae)

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Abstract : To investigate the phytochemical screening (group determination) of the plant Sida spinosa Linn. Preliminary phytochemical analysis for alkaloids, flavonoids, glycosides, phenols, resins, saponins, steroids, tannins, terpenoids were made by following standard procedures. The extracts were subjected to qualitative tests for the identification of the phytoconstituents present in it viz. alkaloids, carbhohydrates, glycosides, phytosterols, fixed oils & fats, phenolic compounds & tannins, proteins & free amino acids, gums & mucilages, flavonoids, lignins and saponins. From the identification test, melting poit studies and spectral analysis it is concluded that the isolated compound SS1 may be a Phenolic / Steroidal compound. The diversity of phytochemicals found present suggests that Sida Spinosa Linn. could serve as a source of useful drugs.

Key words : Phytochemical Screening, *Sida spinosa* Linn., Malvaceae, Sida species.

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