

Velraj M, Kumar M. Isolation and characterization of constituents from ethanolic extract of *Scindapsus officinalis* (Roxb.) schott. fruits. *Bull. Pharm. Res.* 2014;4(2):67-71.

Abstract: Nature has provided abundant plant wealth for living creatures which possess medicinal virtues. The essential value of a number of plants has long been published and the large numbers of them remain unexplored so far. In the present study, 50% ethanolic extract of fruits of plant *Scindapsus officinalis* (Roxb.) Schott. (Family - Araceae), was purified by column chromatography which yielded three brownish sticky residues viz. compound A, B and C. Extracted compounds were further subjected to spectral analysis i.e. IR, UV, 1D NMR (^1H NMR and ^{13}C NMR) and Mass spectroscopy for structure elucidation and characterization. The findings revealed that the compound A, B and C are piperine, mixture of glycerin and ascorbic acid, and ascorbic acid respectively. Isolation of glycerol and ascorbic acid is a new finding in the present study.

Key words: *Scindapsus officinalis*, Spectral analysis, Piperine, Glycerine, Ascorbic acid.

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