

## ISOLATION AND CHARACTERIZATION OF CONSTITUENTS FROM ETHANOLIC EXTRACT OF *SCINDAPSUS OFFICINALIS* (ROXB.) SCHOTT. FRUITS

Bull. Pharm. Res. 2014;4(2):67-71.

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 ( $^1\text{H}$  NMR and  $^{13}\text{C}$  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.

Corresponding author: **Mr. Mahendra Singh**

Tel.: +91 8398832097

**Research Article** Received: Mar 21, 2014; Accepted: Jun 20, 2014

Published: Aug 31, 2014

Article ID: APPSAS000BPR092

Total pages: 05; References: 19

© Bulletin of Pharmaceutical Research 2014

Access the article at ResBib, DRJI, Google Scholar

① <http://www.researchbib.com>

② <http://www.drji.org>

③ <http://scholar.google.co.in>

**Velraj M, Kumar M\***

Department of Quality Assurance, SIDMAK Laboratories (I) Pvt. Limited,  
Dehradun, Uttarakhand, India

e-mail: msmsrbs.pharm@gmail.com

