



Antioxidant and Acute Toxicity of Stem Extracts of the *Ficus epiphylla*

M. Mukhtar

Department of Science Laboratory Technology, Binyaminu Usman Polytechnic Hadejia Jigawa State, Nigeria.

Abstract:

The aims of this Study is to evaluate the Antioxidant activity and acute toxicity of the extracts of *Ficus iteophylla* by reactions with 1, 1-diphenyl-2-picrylhydrazyl radical (DPPH) and method developed by Lork 1983 respectively. Stem bark of *Ficus iteophylla* was collected, air dried, pulverized to fine powdered and sequentially extracted using acetone, methanol and water in order of increasing polarity. The result shows strong radical scavenging activity against DPPH for all the extracts when compared with Ascorbic acid . The LD50 of 316mg/kg was calculated for all the three extras and the values were found to be within the practically toxic range and therefore care should be taken when using the plants in traditional medicine.

Key words: Antioxidant, Acute Toxicity and *Ficus iteophylla*

Biography:

Mohamed Mukhtar Ali

Indian institute of space science and technology, Indian Institute of Technology - Madras
Verified email at iist.ac.in
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