

Abstract

In folk medicine various bioactive compounds are present which are required to be scientifically investigated as plants are rich source of natural remedies. *C. colocynthis* will be explored to identify important phytochemicals and their relation with biological activities was investigated. For this purpose different dilutions of ethanol were made with plant sample which consists of powder form of leaves. After that its solvent extraction was performed. Different test including TFC, TPC, DPPH Scavenging Assay, Beta carotene Bleaching assay were performed and at the end HPLC analysis was performed and metabolites were identified.