

A Qualitative Analysis of *Kodiveli Chooranam*

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A Siddha system of medicine is one of the traditional medical system deal with physical, psychological, social and spiritual well-being of an individual. World Health Organization states that 80 % of global population rare preferred to use plants source for their health problem, because easily availability and less cost. Standardization technique of the siddha formulation has been validated to identify their active compounds. The aim of the study is to determine the physic and Phytochemical analysis of Siddha Formulation *Kodiveli Chooranam (KC)* in various extracts. A Standardization of a *Siddha* medicine is very important to evaluate the efficacy and safety profile of the drugs. The Siddha formulation *KC* is taken from *Gunapadam Mooligai Vaguppu* Part-1, authoured by *D.K.S. Murugesu Mudaliyar*. This book is indicated for *KC* in *Vali Azhal Keel Vayu* (Rheumatoid Arthritis). Physicochemical- studies of the trial drug have been done according to WHO guidelines. The organoleptic characters of the sample were evaluated which include evaluation of the formulation by its colour, odour, taste, texture. The end of results found the pH value is 5.35, Ash (%)- 4.35%, Acid Insoluble ash (%) Nil, Water soluble ash (%)- 2.13%, Loss on drying (%) - 9.56%, Sulphated ash - 6.11%, Alcohol soluble Extractive-16.54%, Water soluble Extractive - 13.22%, Volatile oil -1%, Swelling Index- 4.5 ml, Foaming Index - Nil, Total Fat Content - 3.41%. Phytochemical analysis showed the presence of Terpenoids, Phenols, Flavanoids, Steroids, Alkaloids were found at the end of qualitative analysis. *KC* is highly effective in the management of Rheumatoid arthritis.

Key Words: Physicochemical, Phytochemical analysis, *Kodiveli Chooranam*, Rheumatoid arthritis.