

PRELIMINARY STUDIES AND EVALUATION OF *DHATUPAUSHTIK CHURNA*: A TRADITIONAL AYURVEDIC FORMULATION

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ABSTRACT

Standardization of herbal formulation is essential in order to assess the quality of drugs, based on the concentration of their active principles. The present paper reports on standardization of *Dhatupaushtik Churna* (*DPC*), an Ayurvedic formulation which is used as a nutritive tonic in general weakness. Two marketed products of *DPC* have been standardized on the basis of organoleptic characters and physico-chemical properties. The set parameters were found to be sufficient to evaluate the churna and can be used as reference standards for the quality control/quality assurance. In present communication Thin Layer Chromatography was developed for the standardization of *Dhatupaushtik Churna*. Spectroscopic studies were carried out to develop the spectrum of the formulations and validated by Overlain and Linearity study. We have developed a simple scheme for the standardization and authentication of *Dhatupaushtik Churna* (*DPC*).

KEYWORDS: Standardization; *Dhatupaushtik Churna* (*DPC*); U.V.Spectroscopy; Ayurvedic Formulation.

