

Standardization of some herbal antidiabetic drugs in polyherbal formulation

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ABSTRACT

Background Ayurvedic formulations are used to treat a wide variety of diseases including diabetes mellitus Standardization of herbal formulation is essential in order to assess the quality of drugs. The present paper reports standardization of eight herbal anti-diabetic drugs-Momordica charantia (seeds), Syzigium cumini (seeds), Trigonella foenum (seeds), Azadirachta indica (leaves), Emblica officinalis (fruits), Curcuma longa (rhizomes), Gymnema sylvestre (leaves), Pterocarpus marsupium (heart-wood) individually and in polyherbal marketed samples of Baidyanath Madhumehari Churna Material and Methods Shivayu Madhuhari Churna, Meghdut Madhushoonya Churna and were compared to the in-house preparation for physicochemical properties. Results and Conclusions The limits obtained from the different physicochemical parameters of the individual eight herbal drugs and the marketed formulations could be used as reference standard for standardization of the anti-diabetic drugs in a quality control laboratory.

KEYWORDS

Herbal antidiabetic drugs . physicochemical parameters . polyherbal formulation . standardization

REFERENCES