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STANDARDISATION OF *HINGVASTAKA CURNA* USING CHEMICAL METHODS

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Hingvastaka curna is an Ayurvedic preparation commonly used for Agnimandya, vataroga etc. It is prepared with authentic ingredients and analysed from the standardisation point of view. The standards evolved are the resultant of the broad tests carried out on the formulation prepared on the basis of the composition indicated in the text referred. The present work provides working standards of therapeutic usefulness for the formulation Hingvastaka curna. The methodology envisages physical and chemical examinations. Physical examination includes organoleptic characters such as colour, touch, taste and odour. Chemical examination includes determination of total ash, acid insoluble ash, water soluble ash, extractable matter in cold and hot water and alcohol, loss on drying at 110°c, moisture content, volatile oil, swelling index, foaming index and fibre content. Further more thin layer chromatographic studies of the pet-ether and alcohol extracts of the curna and its seven ingredients were carried out in different solvent systems. TLC studies were carried out to compare the R_f values of the chemical constituents of the curna and the ingredients. UV spectral characteristics of the curna and its major ingredients were studied. Also the IR spectra of the curna was taken which is specific for a particular compound / extract. The overall results, the physico-chemical parameters, R_f values, UV spectra and the IR finger printing profile may be utilised for laying down pharmacopoeal standards for the Ayurvedic formulation Hingvastaka curna.

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