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# CHEMICAL STUDIES AND STANDARDISATION OF AYURVEDIC DRUGS

By

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# ABSTRACT

An approach developed to standardise commercially available complex Ayurvedic drugs with particular reference to the application of both classical and instrumental analytical techniques is presented.

Navaratna and Buddharaja Kalkas were studied and the monographs giving standards in terms of identity, quality and purity were compiled for their 34 raw materials. Standard samples of the two kalkas were prepared, the preparative methodologies were discussed and the standards for the two compound preparations were specified. Umbelliferone was identified as a marker compound to establish the presence of asafoetida in Navaratna Kalkaya. Use of GLC profiles to establish the presence or absence of the other ingredients in Navaratna Kalkaya was discussed.

Finally the results obtained for the two standard samples were compared with those of commercial products.



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