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PHYSICO-CHEMICAL ANALYSIS OF ABHRAKA (MICA) BHASMA

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Abstract

Introduction- *Abhraka bhasma prepared with minimum Dashaputa is recommended to use for therapeutic purpose such as Diabetes mellitus, Tuberculosis, promoting vigour etc. To assure the quality and to establish the standards for dashaputa Abhraka bhasma, 'Physico-chemical analysis of Abhraka bhasma' was carried out.*

Materials & Methods *–For preparation of abhrak bhasma-Krishnabhraka (Biotite), Cow's milk, Tanduliya (Amaranthus spinosus), Kanji (Sour Gruel Liquid) were used. Methods : for shodhan Ref: Rasa Tarangini 10/225, for Dhanyabhraka Ref: Rasaratnasamuc - chaya 1/154, For incineration (marana),amrutikarana & lohitikrarana Ref: Rasajalanidhi1/11. For standardization, Abhrak bhasma was subjected to organoleptic characters, Qualitative & Quantitative analysis & Particle size assessment.*

Results

In Abhraka bhasma Fe_2O_3 (19.36), MgO (8.58), Al_2O_3 (16.56), SiO_2 (24.62), CaO (2.03), K_2O (9.77 percent) were present after 11th puta & Lohitikarana. pH of Abhraka bhasma in distilled water 4.21, Specific gravity 0.9, Ash value 95.50 were observed & Particle size of Abhraka bhasma noted minimum 0.33μm, maximum 3.75μm, mean 0.90μm.

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