

A Study on the Assessment of Essential Elements in the Inner and Outer Shell and Usage of Wamin for Humans

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Abstract

The purpose of this study was to examine the elements of wamin in the different species of bamboo and to check the effects of wamin in its daily uses on humans. In this study, the majority of the wamin sample was collected from Shwedagon Pagoda garden. These sample were quantitatively analyzed of the concentration of elements by using energy dispersive X-rays fluorescence (EDXRF) spectrometer. Certified reference materials from National Institute for Environmental Studies (NIES) to identify the levels of receptivity of beneficial elements in the human body were used. The EDXRF technique was to determined of ten elements in these samples: K, Si, Ca, S, Fe, Cu, P, Zn, Rb, and Ba. The concentration values of elements in the inner part of wamin have been shown to be more effective in treating human diseases. It was found that the inner part of wamin can cure leg inflammation and osteoarthritis.

Key words: Wamin, EDXRF.

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