

An Investigation of Elemental Concentrations of Natural Myanmar Honey Samples by EDXRF Technique

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Abstract

Elemental concentrations of six natural honey samples from different places in Myanmar were analyzed by Energy Dispersive X-Ray Fluorescence (EDXRF). Iron (Fe) and copper (Cu) were found in all samples. Sulfur (S) was found in the sample S-1. Although, calcium (Ca) element was not found in the sample S-3 and S-6. Moreover, toxic elements such as arsenic (As), mercury (Hg), lead (Pb) ... etc, were not found in all natural honey samples.

Key words: Elemental concentrations, natural honey, different places in Myanmar, EDXRF.

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