

Dataset on physicochemical properties of particle-sized moringa oleifera seed cake and its application as bio-coagulants in water treatment application

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ABSTRACT

The dataset provided information about on the phytochemical and mineral composition of investigation *Moringa oleifera* cake residue used for the bio-coagulation of water for drinking. Four sets of mass spectrometric methods viz; Gas Chromatography Mass- Spectrometer (GC–MS), Fourier transform infrared (FTIR), LC-MS-Quadrupled time of Flight Mass Spectrometer (LC-MS/QToF), X-ray fluorescence analysis (XRF). The three spectrometry approaches provided a blueprint and basis for future investigation on the physicochemical properties of *Moringa oleifera* in an eco-friendly water treatment process.

KEYWORDS

Moringa oleifera; Bio-coagulation; Physicochemical charcteriation; Water treatment

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