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Discrimination of aflatoxin contamination level in nutmeg by fluorescence fingerprint measurement

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Highlights

- Fluorescence fingerprints (FF) of nutmeg powder samples were measured.
- PLS models to predict aflatoxins (AF) in samples from FF patterns were developed.
- Samples with AF of 10 ppb or higher could be discriminated without false negative.
- PLS models reflected the behavior of AFs and kojic acid derivatives in samples.

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