

## Accepted Manuscript

Title: INTERVAL IMPORTANCE INDEX TO SELECT RELEVANT ATR-FTIR WAVENUMBER INTERVALS FOR FALSIFIED DRUG CLASSIFICATION

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PII: S0731-7085(18)30546-6  
DOI: <https://doi.org/10.1016/j.jpba.2018.06.046>  
Reference: PBA 12050

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 2-3-2018  
Revised date: 11-6-2018  
Accepted date: 23-6-2018

Please cite this article as: Kahmann A, Anzanello MJ, Fogliatto FS, Chaovalitwongse WA, Marcelo MCA, Ferrão MF, Ortiz RS, Mariotti KC, INTERVAL IMPORTANCE INDEX TO SELECT RELEVANT ATR-FTIR WAVENUMBER INTERVALS FOR FALSIFIED DRUG CLASSIFICATION, *Journal of Pharmaceutical and Biomedical Analysis* (2018), <https://doi.org/10.1016/j.jpba.2018.06.046>

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# INTERVAL IMPORTANCE INDEX TO SELECT RELEVANT ATR-FTIR WAVENUMBER INTERVALS FOR FALSIFIED DRUG CLASSIFICATION

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## Highlights

- We propose a new ATR-FTIR interval importance index based on the Two-Sample Kolmogorov-Smirnov test
- Our propositions are applied to authentic and falsified drug samples
- Results from three classification methods are compared
- The proposed index leads to more consistent interval selection results
- Results support the development of handheld FTIR equipment to be used in field operations

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