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**ASSESSMENT OF HERBAL CRUDE AND EXTRACT
OF *LABISIA PUMILA* BY CHEMOMETRICS – ASSISTED
INTERPRETATION OF FTIR**

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Pharmacognosical analysis of medical herbs remains as a challenging issue for analytical chemists, as herbs are a complicated system of mixtures. The application of infrared (IR) spectroscopy in herbal analysis is still very limited compared to its application in other areas (food and beverage industry, microbiology, pharmaceutical etc.) This article attempts to expand the use of FTIR spectroscopy and at the same time creating interest among prospective researcher in herbal analysis especially in *Labisia pumila*. A case study was conducted by incorporating appropriate chemometric methods (Cluster Analysis; CA, Principal Component Analysis; PCA and Soft Independent Modelling of Class Analogy; SIMCA) as tools for extracting relevant chemical information from obtained infrared data. The developed method can be used as a quality tool for rapid authentication from wide variety of herbal samples.