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ACCEPTED MANUSCRIPT

THE POTENTIAL OF NEAR INFRARED SPECTROSCOPY FOR DETERMINING THE PHENOLIC, ANTIOXIDANT, COLOUR AND BACTERICIDE CHARACTERISTICS OF RAW PROPOLIS

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Abbreviations: ABTS: 2,2-azinobis(3-ethylenebenzothiazoline-6-sulfonic acid); DPPH: 2,2-diphenyl-1-picrylhydrazyl; DST: Diagnostic Sensitivity Test; DT: DeTrend; GC: Gas Chromatography; HPCE: High Performance Capillary Electrophoresis; HPLC: High Performance Liquid Chromatography; HPTLC: High Performance Thin Layer Chromatography, MPLS: Modified Partial Least Squares; MSC: Multiplicative Scatter Correction; NIRS: Near InfraRed Spectrometry; PCR: Principal Component Regression; PLS: Partial Least Squares; R^2: Determination coefficient; RMSEC: Root Mean Square Error of Calibration; RPD: Ratio Performance Deviation; SD: Standard Deviation, SECV: Square Error of Cross-Validation; SEP: Square Error of Prediction; SNV: Standard Normal Variate; TEAC: Total Equivalent Antioxidant Capacity; TP: Total Polyphenols.

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