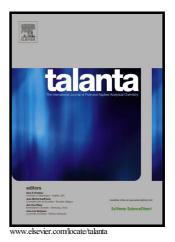
## Author's Accepted Manuscript

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### ACCEPTED MANUSCRIPT

## Evaluation of the performance of three hand-held near-

# infrared spectrometer through investigation of total antioxidant capacity in gluten-free grains

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## Abstract

The performance of three portable NIR spectrometers was compared by analysing the total antioxidant capacity (TAC) of different species of gluten-free grains. TAC is often used to evaluate the quality of foods and was determined using Folin-Ciocalteu measurements and used as reference data for establishing PLS-R models with NIR data. NIRS enables fast and non-invasive measurements.

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