

Sample tableting influence on the metrological parameters in the NIR-analysis of mixed fodders

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Abstract

This article deals with sample tableting as a method of sample preparation and its influence on mixed fodder NIR-analysis. Sample tableting allows to reduce the factors that influence the reproducibility of spectra in the nearest infrared spectra and to improve sample quality. A method based on the correlation of standard deviation with spectral intensity analysis has been developed to control the sample quality.