

# Can NIR & Chemometrics be more accurate than the reference method?



## A review of global ANN calibrations for whole grain analysis

While reference analysis will always play a central role in calibration modeling, developments in chemometrics are allowing rapid NIR methods to take the burden of routine testing with measurements as good as, and often even better than reference methods. But how can we prove that the NIR and chemometrics based prediction is as good or more accurate than the reference analysis result?

In this paper, chemometricians from FOSS use multiple laboratory results from a ring test study and ANN calibrations for whole grain analysis to demonstrate how the concept can be proven.

[Download the paper here](#)



[Download white paper](#)