











MIR chemometric method ■ Analysis ■ Milk Lab (Comité du Lait, Battice, Belgium) ✓ FT-MIR ■ Titratable acidity ✓ Recorded as Dornic degree (D°) ✓ N/9 NaOH solution ✓ Indicator: Phenolphthalein

MIR chemometric method ■ Methods ■ Modified Partial Least Square regressions (Shenk & Westerhous, 1991) ■ Use of a first derivative pretreatment ✓ To correct the baseline drift ■ Detection of spectral outliers ✓ Based on Mahalanobis distance ✓ Based on Mahalanobis distance ✓ Spectra from the same samples analysis on different spectrometers

MIR chemometric method ■ Methods ■ Internal cross-validation (100 groups) ✓ To determine the number of factors ✓ To assess the robustness of equation ■ T-outlier test ✓ Compare observed and predicted values ✓ Samples with T-outlier value > 2.5 were discarded ✓ Maximum 5 tests performed ➡ 41 additional samples discarded

























