

Traditional Empirical WDXRF Calibration compared with Using the Calibration Tool MultiScat[®]. Applications shown on for metal bases

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Calibration can be done by using alfa-coefficients, fundamental models or Empirical. All these types of calibration needs a lot of work and lots of reference materials. A standard time for full calibration inclusive validation, done by a skilled chemist is two weeks to three month. Now a new tool for Calibration is in the market, MultiScat[®], a multiple scattering method for calibration is in the market. With this method excluding intensity measuring time is two hours to two days including validation.

This presentation compares the traditional calibration with MultiScat[®], in aspects as time consumed to do the calibration, the accuracy of the result and the need of skilled personal.