Title (en)

CALIBRATION OF A NEAR INFRARED MEASUREMENT UNIT USING SIMULATED NEAR INFRARED SPECTRA OBTAINED FROM MEASURED MID INFRARED SPECTRA

Title (de)

KALIBRIERUNG EINER NAHINFRAROT-MESSEINHEIT MITHILFE SIMULIERTER NAHINFRAROT-SPEKTREN AUS GEMESSENEN SPEKTREN IN MITTELINFRAROTBEREICH

Title (fr)

ÉTALONNAGE D'UNE UNITÉ DE MESURE PROCHE INFRAROUGE À L'AIDE D'UN SPECTRE PROCHE INFRAROUGE SIMULÉ OBTENU À PARTIR D'UN SPECTRE INFRAROUGE MOYEN MESURÉ

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Abstract (en)

[origin: WO2016186507A1] The invention relates to a method for calibrating an near infrared measurement unit for characterizing a physical, chemical and/or biological parameter of a mineral and/or organic sample. The method comprising a step of providing a multiple number of near infrared calibration data of a mineral and/or organic sample class said near infrared calibration data including a simulated near infrared spectrum measurement. Further, the method comprises a step of feeding a calibration model of near infrared measurements with the multiple number of near infrared calibration data. Here, at least a subset of the near infrared calibration data is based on mid infrared measurements.

IPC 8 full level

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CPC (source: EP)

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