

Sharing NIR calibrations among different instruments: the INGOT™ concept

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The ultimate goal of any company using NIR is to maximise its potential as an analytical tool. In order to achieve this, every company has to invest time, resources and money into compiling and managing datasets from which to build calibrations.

Central Laboratories (CL) and Walloon Agricultural Research Centre of Gembloux (CRA-W), both recognised experts in calibration development have combined their technical knowledge and resources to produce the world's largest multi-million pound spectral database, INGOT™

INGOT™ (International NIR Global Operating Technologies) is a set of universal NIR calibrations for the analysis of raw materials and finished products.

INGOT™ calibrations are available across most instrument types for Feed & Feed Ingredients, Flour & Milling, Forage, Pet Food and Animal Proteins. Robustness is synonymous with INGOT due to decades of seasonal, geographical, variety and product variations. These vast datasets are supported with accredited reference chemistry, which cover the major parameters analysed within the different business sectors.

Transferring the datasets between instruments and chemometric packages, has been achieved without reducing the effectiveness or accuracy of the original data.

INGOT™ provides the end user with a simple 'plug and play' solution, allowing them to gain maximum benefit from their investment on day one.