



Bruker introduces new and enhanced Wine-Profiling™ solution based on NMR

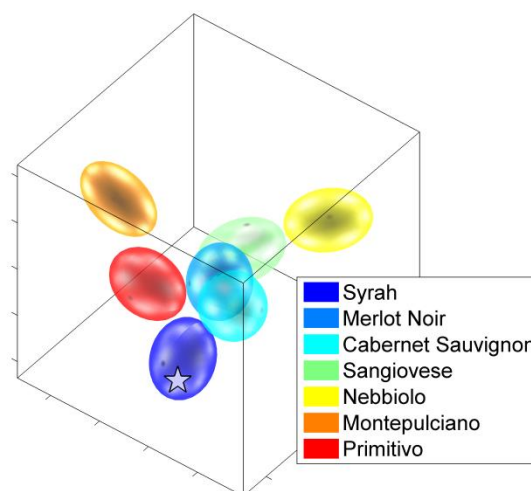
Update of NMR FoodScreener™ module for wine now delivers easy and cost efficient analysis for quality and authenticity of samples regarding origin, variety and addition of water

NEW ORLEANS, Louisiana – March 9, 2015 – This substantially enhanced module of the FoodScreener for Wine Profiling allows for the first time NMR-based easy and cost efficient analysis of relevant regions in France, Italy and Spain . Beyond geographical origin NMR Wine-Profiling determines further key authenticity parameters such as grape variety and vintage year and possible water addition. This extensively validated solution delivers fully automated targeted and non-targeted screening of wine quality at the push of a button. This comprehensive solution offers a quick, fully automated and cost-efficient tool to ensure wine quality and authenticity and thus protect brand integrity and gives security to the consumer.

Based on the integrated solution of targeted and non-targeted analysis, a large number of relevant parameters can be analyzed within one measurement. This results in very low cost per parameter per sample compared to conventional analysis where multiple different analytical techniques are needed. In addition the NMR solution provides unique possibilities for the consistency check for grape variety and origin, Samples are therefore processed at minimum cost and at a new level of efficiency.

Montserrat Iñiguez Crespo, Directora at Estación Enológica de Haro La Rioja (EEH) stated: “The Estación Enológica de Haro is looking forward using the FoodScreener for wine profiling to protect La Rioja’s wine industry quality standards. Based on the convincing results, we have decided to purchase this solution to participate directly in the further development of Wine Profiling, especially for Spain.”

Markus Link, Key account manager for Food, Feed and Beverages at Bruker BioSpin’s Applied, Industrial and Clinical (AIC) division, explained: “In collaboration with international experts from governmental control, analytical service providers and wine producers we have been enabled to build a high quality and comprehensive wine database on a worldwide basis for our new and enhanced wine profiling solution.” He continued, “The non-targeted NMR screening capability also allow identification of unexpected and unknown deviations, that can represent adulteration or undetected quality issues. This provides a unique advantage for our customers in the wine industry and the consumer.”



*Typical Example for wine profiling:
validation of an Italian red wine (Syrah)*



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For more than 50 years, Bruker has enabled scientists to make breakthrough discoveries and develop new applications that improve the quality of human life. Bruker's high-performance scientific research instruments and high-value analytical solutions enable scientists to explore life and materials at molecular, cellular and microscopic levels.

In close cooperation with our customers, Bruker is enabling innovation, productivity and customer success in life science molecular research, in applied and pharma applications, in microscopy, nano-analysis and industrial applications, as well as in cell biology, preclinical imaging, clinical research, microbiology and molecular diagnostics. For more information, please visit: <http://www.bruker.com>.

For more information, visit: www.bruker.com/wine-profiling

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