

Universal Biosensors, Inc.
ARBN 121 559 993

1 Corporate Avenue
Rowville Victoria 3178
Australia

Telephone +61 3 9213 9000
Facsimile +61 3 9213 9099
Email info@universalbiosensors.com
www.universalbiosensors.com



24 November 2020

California State University Comparison Validation Study result.

Universal Biosensors, Inc. (ASX:UBI) commissioned an independent comparison validation study to determine the performance of its new hand held wine analyser, called SENTIA™ (“Sentia”) at California State University (Fresno Campus).

Dr Stephan Sommer, Director of the Viticulture and Enology at the California State University (Fresno Campus) conducted a detailed analysis of Sentia on 200 wine samples using the Ripper and FOSS FT2 WineScan™ SO₂ method as comparison. The objective of this study was to compare the results for free sulfur dioxide of the Sentia analyzer to the most common established methods in the USA. The goal was to test all wines with the methods in duplicate and predict method agreement as well as calculate statistical determinations. The wines were selected based on the following specifications: still white and red wines only (no rosé wines), residual sugar less than 30 g/L (no dessert wines) and expected Free SO₂ levels between 3 and 50 mg/L.

The California State University (Fresno Campus) report can be viewed at https://www.mysentia.com/wp-content/uploads/2020/11/CSU-Fresno_Report_Sentia_Final-PDF.pdf and states:

- *Sentia*... “has multiple advantages for a winery production environment with the possibility of untrained personnel doing the analyses”;
- “With very little practice and basic pipetting skills, workers of all knowledge levels should be able to produce consistent and reproducible results”;
- *Sentia’s*... “flexibility allows the user to move around the winery freely with this handheld instrument, either filling tank cards with the results directly or moving the data into a laboratory information management system (LIMS) or any winemaker software”;
- *Sentia*... “confirms that the electrochemical analysis in a handheld instrument can provide the same level of accuracy and reliability that could be expected from a standard laboratory method”;
- “the compact design and simple procedure eliminate sources of error that can make the analysis of sulfur dioxide extremely challenging”;
- “Based on the results of this study, it (*Sentia*) can be highly recommended for the use in finished and clarified still wines”.



Universal Biosensors

John Sharman, CEO of UBI said, “California State University (Fresno campus) Viticulture and Enology Research Centre is widely recognized as an applied research and education powerhouse for the wine industry. The results of the Fresno Study independently validate the performance of our hand held Sentia analyser to the level of accuracy and reliability that could be expected from a standard laboratory method.”

Mr Sharman said, “UBI used it’s biosensor platform technology to develop the Sentia Free SO₂ test which will be launched in early 2021. In addition to Free SO₂ we are working on Total Acid, Malic Acid, Glucose and Fructose tests which we expect to be launched during 2021 and early 2022.”

Mr Sharman said, “We believe there are a number of compelling commercial reasons for winemakers around the world to adopt Sentia as a testing platform. We are excited by what Sentia can bring to the wine industry globally.”

For more information on Sentia, visit www.mysentia.com

End

Enquiries:

John Sharman
Chief Executive Officer
+61 (0) 414 440 680

Announcement authorised by the Board of Directors of Universal Biosensors, Inc.

About Universal Biosensors

Universal Biosensors, founded in 2001, specialises in the design and development of electrochemical cells (strips) used in conjunction with point of use devices that are used in various industries such as healthcare (point of care), food and drink and agriculture. For additional information regarding Universal Biosensors, Inc., refer to: <http://www.universalbiosensors.com>.

Forward-Looking Statements

The statements contained in this release that are not purely historical are forward-looking statements within the meaning of the US Securities Exchange Act of 1934. Forward-looking statements in this release include statements regarding our expectations, beliefs, hopes, intentions or strategies. All forward-looking statements included in this release are based upon information available to us as of the date hereof, and we assume no obligation to update any such forward-looking statement as a result of new information, future events or otherwise. Our actual results could differ materially from our current expectations. We cannot assure you when, if at all, the proposals outlined in this release will occur, and the terms of any such proposal are subject to change. Factors that could cause or contribute to such differences include, but are not limited to, factors and risks disclosed from time to time in reports filed with the SEC.