



Sample Preparation method using the Inlabtec Serial Diluter receives UKAS accreditation

August 28, 2018

Inlabtec AG reports how 20/30 Labs Ltd., a leading accredited UK microbiological testing laboratory specializing in the analysis of waters, has been subject to a positive assessment by the United Kingdom Accreditation Body (UKAS) for using the Serial Diluter as part of their accredited method.

As an established contract laboratory - 20/30 Labs (www.2030lab.com) receives hundreds of water samples each day for microbiological analysis such as total viable counts (TVC). These water samples require serial dilutions and previously were processed using universal test tubes with 9 ml of sterile diluent. Due to a period of continuous growth and expansion 20/30 Labs evaluated technical solutions that would automate this dilution step and save time on both media preparation and sample processing. The Inlabtec serial diluter met these requirements and so 20/30 Labs decided to validate the use and performance of the system in-house.

The data collected from 20/30 Labs usability study demonstrates, as other laboratories have previously demonstrated without exception, that the test tube technique and the Inlabtec Serial Diluter can be considered as quantitatively identical methods according to the statistical evaluation of two quantitative methods provided by the International Standard ISO 17994:2014.

Moreover, the United Kingdom Accreditation Service (UKAS) reviewed the validation data and approved the use of the Inlabtec serial diluter by 20/30 Labs as part of their accredited TVC sample processing.

Farzana Sultana, Research & Project Manager of 20/30 Labs commented “The Inlabtec serial diluter has eliminated the time spent on cleaning and filling universal test tubes and making up diluent as well as all the quality checks required thereafter. It is easy to use, clean and set up for daily operation. Our analysts have confirmed that the Inlabtec serial diluter helps to optimise their time and therefore has improved workflow around the lab”.