

**TECTA-B16 method for *E.coli* and coliforms bacteria is approved by the Philippines Department of Health**

*Tecta-PDS's innovative and ground-breaking method for testing water samples for bacteria quickly, accurately and remotely has been approved by the Philippines DoH, who have also adopted the Tecta method internally.*

**KINGSTON, ONTARIO – January 12, 2017** – TECTA-PDS, a drinking water technology company based in Kingston, Ontario, has added another global market to their growing list of regions adopting their revolutionary way of testing drinking water for microbial contaminants.

**NATIONAL REFERENCE LABORATORY- DEPARTMENT OF HEALTH, PHILIPPINES**

NRL-EAMC is the reference laboratory for environmental occupational health, toxicology and micronutrient assay. It is here that the nation depends on accurate testing of the drinking water and other samples to ensure the safety of a large population under the strains of running close to 800 water samples a month with limited manpower. The cost of shipping remote samples as well as microbial outbreaks which need fast and accurate detection all resulted in a 2 year evaluation of the Tecta B16 system, the only US EPA-approved automated method for *E.coli* bacteria globally. The NRL validated the TECTA-B16™ unit with both environmental samples and spiked lab samples, challenging the accuracy of the method to detect very low levels of *E.coli* as well as high concentrations. The NRL technicians experienced the instrument's sensitivity as it detected positive results in samples spiked with as low as 1 CFU/100mL. They were also shocked to see the instrument detect and provide results for samples with higher concentrations of target organisms in as little as 2 hours, without the need for sample dilutions or manipulations. After strict and thorough statistical analysis, NRL released their TECTA-B16™ Evaluation Report approving it as an accepted alternative method for detection of total coliform and *E.coli*, which is acknowledged by the Philippines Department of Health.

*"We are very happy and excited with the Tecta-B16 technology. It has really helped us with our daily workload, and we look forward to continuing to work with this instrument in our lab."*

- Evangeline Castillo, RMT  
Section Head Water Microbiology Lab, NRL-  
EAMC

**About TECTA-PDS**

TECTA-PDS markets the world's first automated, US EPA-approved microbiological water quality monitoring system, which lowers overall monitoring costs and improves both water quality and human health. With systems in over 25 countries and within various markets (including F&B, Municipality,



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Military and Irrigation to name a few), TECTA-PDS continues to meet its strategic goals of rapid sales growth and becoming the new standard for microbiological monitoring of water quality.

The Philippines are just one of many jurisdictions embracing this revolutionary technology from Tecta-PDS, whose mission is to remain at the forefront of innovation, continuously improving water quality around the world and making drinking water safe for everyone.

*"We are thrilled that the Philippines have adopted our method and are added to the growing list of regions committed to making their citizens safer while reducing government spend."*

- Tim Adams  
EVP Global Sales & Marketing

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