Press release

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vermicon AG: Detection of bacteria with newest LED-technology

LEDs start bacteria to shine

19th March 2010: vermicon AG, specialist for the detection of bacteria now also uses LED-technology to start bacteria to shine. The new VIT-kits "iLED version" go with the newest developments in the field of microscopy. They are especially adapted to the new Zeiss microscope Primo Star iLED which uses light emitting diodes.

The new kits are based on the established VIT-gene probe technology. The detection of microorganisms in water, food and drinks is fast and specific. Subsequent analysis is performed with the fluorescence microscope Primo Star iLED. The new microscope is environment-friendly. "Especially in our times, companies have a responsibility towards the environment and the society", summarizes Dr. Jiri Snaidr, CEO of vermicon. "With our new VIT-kits "iLED version" we focus on sustainability."

The first product of the iLED collection is a further development of VIT-Microthrix – a kit for the analysis of sludges in municipal and industrial wastewater treatment plants – VIT-Microthrix "iLED version". Economy plays an important role during the routine control of wastewater sludges. Therefore the first VIT-kits "iLED version" are released for the wastewater analytic.

In future more VIT-kits "iLED version" will be developed for different areas of application. This will allow also drink & food producers as well as laboratories and industry to detect the microorganisms by lighting up the bacteria with LED-technology. More information regarding the kits are available online at www.vermicon.com.

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vermicon AG develops and markets innovative detection systems fort the analysis of microorganisms. With modern technologies vermicon revolutionizes the detection of bacteria, fungi and single cells. The strategic business focus lies in the detection of bacteria in water, drinks and food. The VIT™- product line was launched in 2001 and consists of numerous products. The platform technology is the vermicon identification technology (VIT™) – a gene probe technology which is patented by vermicon. Programmed gene probes penetrate the bacteria and start them to shine. This allows the identification and quantification of the cells.