

NEWS RELEASE - FOR IMMEDIATE RELEASE**Date: 17.01.2017****Image Attached****-Copy Starts-****Veterinary Pharmaceutical Company uses ProcScan and SynStats
To Rapidly Generate Accurate, Traceable Data on Antibiotic Potency**

Cambridge, UK: Synbiosis, a long-established, expert manufacturer of automated microbiological systems, is pleased to announce its ProcScan inhibition zone measurement system is being used together with its SynStats statistical analysis software at specialist Dutch veterinary pharmaceutical firm, Produlab Pharma to accurately and reproducibly assess the quality of veterinary antibiotics.

Microbiologists at Produlab Pharma are using the ProcScan automated system to generate images of inhibition zones around antibiotics on large (240mm x 240mm) antibiotic susceptibility testing plates. The images are scanned directly into software, which automatically measures zone sizes and these values are transferred into SynStats statistical software. This rapidly analyses the results to provide standard curve and potency data. Using ProcScan in combination with SynStats is helping microbiologists at Produlab Pharma to precisely assess the efficacy of existing and re-engineered antibiotics to treat diseases such as mastitis in cattle.

Dave van Reusel, Microbiologist at Produlab Pharma commented: "We used to measure inhibition zones manually with callipers and then record the results on the computer. It would take us 30 minutes to analyse one plate and after this we had no image of our plates to refer to so there was no proof of our results to look at later."

Dave added: "We chose the ProcScan because it is the only system that can image large antibiotic susceptibility testing plates and measure inhibition zones in a 6 x 6 grid. Before we had the ProcScan, it would require hours to analyse a run of 20-30 assay plates, now it takes a fraction of the time and we can record raw plate images to provide evidence for clients or regulators to assess when they need to."

"Data integrity is currently a hot issue across the pharmaceutical industry," stated Kate George, Senior Divisional Manager at Synbiosis, "scientists at Produlab

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Pharma are demonstrating that ProcScan and SynStats is a must have combination for quality assurance laboratories where generating accurate, consistent and more importantly, archived raw and analysed data of any antibiotics' potency are critical requirements.”

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Note to Editors

About Synbiosis

Synbiosis is a world-leading supplier of integrated imaging solutions for automatic counting and analysis of microbial colonies and zone measurement. The ProtoCOL, Protos and aCOLyte systems from Synbiosis are installed in food, pharmaceutical, environmental and research microbiology laboratories world-wide. ChromaZona is an IVD certified instrument for automated microbial ID and AST in the clinical laboratory. Synbiosis uses established distribution channels to market its products internationally.

Synbiosis, founded in 1998 is a division of the Synoptics Group of the AIM quoted Scientific Digital Imaging Company based in Cambridge, UK. The Group's other divisions, Syngene and Synoptics Health, specialise in digital imaging solutions for molecular biology and healthcare applications respectively. Synoptics, which celebrated its 30th anniversary of being in business in 2015, currently employs 40 people in its UK and subsidiary operation in Frederick, USA.

About Produlab Pharma

Produlab Pharma, situated at Raamsdonksveer in the Netherlands, is an independent Pharmaceutical company, that has produced veterinary pharmaceuticals since 1991. Many renowned pharmaceutical companies assign the manufacture of their products to Produlab Pharma and over 75% of its production is for the European market.

Measurements and analyses to test product quality are performed daily in Produlab Pharma's perfectly equipped laboratory. Skilled laboratory personnel carry out all product analyses using sophisticated apparatus according to VICH guidelines. The laboratory also continuously develops and improves recipes and formulas, validation of analysis methods and the performance of shelf-life studies.

