BIOVIA CAPTURE
NEXT GENERATION
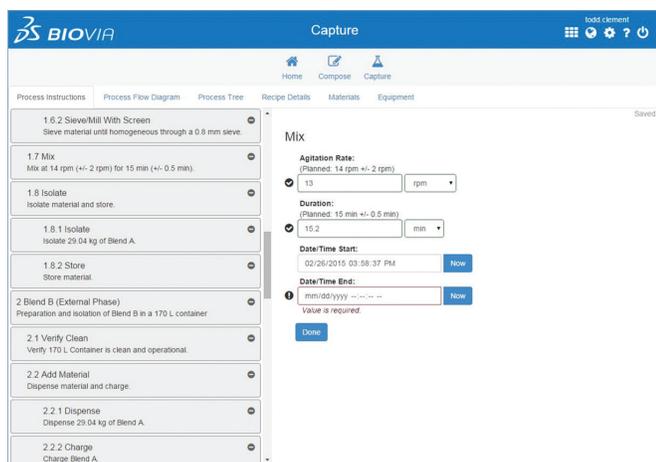## MOBILE PROCEDURE EXECUTION
Datasheet

BIOVIA Capture supports standardized procedure execution and secure structured data collection.

Ensuring data integrity and quality is an ongoing concern across industries and scientists are in the spotlight more than ever to provide reliable data without compromising on the efficiency in their work. Traditionally, scientists would have to write down a method or recipe in their office, go to the lab to execute it, and then return to their office to manually transcribe their results into a stationary laboratory execution system (LES), electronic batch record (EBR), or electronic lab notebook (ELN). This is not only inefficient but also makes adherence to standardized methods and recipes difficult, compromising data quality and integrity for the organization. Even providing scientists with tablets loaded with laboratory informatics software has not helped much, as these applications are not designed for use with a touchscreen (also known as "fat fingers" syndrome). Poor execution has proven to be costly, error-prone and time-consuming, creating a significant bottleneck and compliance risk for laboratory operations. Delays in the delivery of reliable test results are holding up batch release and increase costly inventory.

A SIMPLE MOBILE CLIENT FOR STANDARDIZED PROCEDURE EXECUTION

BIOVIA Capture is an intuitive, easy-to-use mobile-friendly application for the efficient, standardized and paperless execution of recipes and methods. BIOVIA Capture allows scientists to quickly and easily reference their procedure and enter data within a common, user-friendly interface while at the bench. BIOVIA Capture directly accesses recipes and methods authored in BIOVIA Compose using industry-standard libraries of laboratory operations to ensure standardized and compliant execution. This ensures the most complete, accurate and timely entry of data following the most current approved procedure. Users can see parameters and tolerances within BIOVIA Capture, facilitating an easier and more reliable execution of individual steps and improving data quality. Additionally, BIOVIA Capture flags potential deviations in experimental protocols, allowing users to review data by exception. This has resulted in 80% faster data reviews.

Figure 1: BIOVIA Capture enables independent, fully compliant and efficient procedure execution with improved lab ergonomics, tablet and web support, and multiple OS options. The process flow view in the left column allows the scientist to see where they are in the procedure. The right panel provides a streamlined, mobile-friendly user interface for recording data, complete with acceptable limits and tolerances.

The simple interface of BIOVIA Capture provides a straightforward and secure way for scientists to enter information, view procedures as text and in an intuitive flow diagram. Data can be recorded manually, with validated calculations, and from lab instrumentation using a variety of mobile devices. As a browser-based application, BIOVIA Capture is designed for maximum flexibility, whether on a mobile device or a desktop/laptop. BIOVIA Capture is supported on all major browsers and operating systems.

AN INTEGRATED LABORATORY MANAGEMENT SOLUTION

BIOVIA Capture is the cornerstone for the next generation of laboratory execution systems. In addition to ensuring standardized and compliant method and recipe execution, BIOVIA Capture sits on the BIOVIA Foundation, which enables secure storage and seamless transfer of data between other enterprise systems. Being on the BIOVIA Foundation allows for a single user experience for scientists across other BIOVIA solutions. For example, integration with BIOVIA Workbook allows data to be effortlessly shared with colleagues, cutting documentation time in half. In addition, the technology has been developed to enable connection with other third party data systems that could benefit from remote data entry, such as a legacy LIMS. By ensuring efficient and compliant method and recipe execution, BIOVIA Capture fills a key need in creating a productive, compliant, and standardized environment for optimized laboratory operations.

BIOVIA CAPTURE CAPABILITIES

- Execute standardized recipes & methods
- View procedures with an intuitive process flow diagram
- Enforce limits and tolerances
- Review data by exception
- Modify and create new actions, operations, stages, and procedures
- Access operation libraries to enable procedure edit during execution
- Electronic signature control
- Designed for mobility

BENEFITS FOR SCIENTISTS

Scientists which use BIOVIA Capture will benefit from:

- Working more quickly, easily and comfortably in the lab
- Increasing efficiency
- Eliminating extra steps
- Focusing on science

BENEFITS FOR LAB MANAGERS/EXECUTIVES

Administrators which equip BIOVIA Capture will benefit from:

- Improving data quality and integrity
- Removing workflow bottlenecks
- Reducing cycle times

To learn more about BIOVIA Capture application, go to 3dsbiovia.com/biovia-capture.

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