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ABBOTT INFORMATICS

STARLIMS FOOD AND BEVERAGE LIMS SOLUTION

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Scalable, Web based, Compliant

Whether a grower, manufacturer, supplier or distributor, STARLIMS Food & Beverage solution is a scalable web based solution that will allow you to connect from anywhere and everywhere with full 21 CFR Part 11 compliant capable features to ensure data integrity, regulatory compliance and inspection readiness.

Consolidate sample data and documentation, produce CoA/CCP for samples that meet specifications, handle FSMA, HACCP, HARPC, and GFSI compliance requirements and produce real time analysis of tested samples.

Secure, Reliable, Integrated

STARLIMS provide functionality that can help your industry to monitor and control the safety and quality of your raw materials, in process and finish goods testing; providing you a platform for the documentation of results and the management of information in a secure and reliable way.

Abbott Informatics Integrated Solution is the only solution on the market to provide a completely integrated solution incorporating LIMS, ELN, SDMS and Advanced Analytics in a single application, eliminating the need to build and maintain custom interfaces to third party tools.

Food and Beverage Laboratory Management

STARLIMS data management software includes powerful tools for comprehensive management of all lab processes: instrument management, inventory control, flexible calculations and data analysis tools, analytical batch & plate management, standards & reagents management, comprehensive audit trail/electronic signatures and more.

Food and Beverage

USA federal agencies are creating rigorous measurements to focus the Food and Beverages industries attention in prevention and accountability rather than correction. STARLIMS solution helps you to comply with Food Safety

Modernization Act, USDA, and European regulations, and standards such as HACCP, HARPC, and GFSI.

Comply with stringent regulatory requirements and the rapid pace of regulation changes

Alter the recipes to fit with the new standards using STARLIMS flexible capabilities. STARLIMS configurability allows you to quickly perform the desired changes without the need for programming or complex configuration, handle different testing requirements and automate the sample collection, login, receiving, assignment, testing, result entry, approval, release and report generation process. The configurable nature of STARLIMS allows you to handle virtually any laboratory process or workflow.

Food and Safety Modernization Act is requiring more transparency, including supplier component transparency

STARLIMS Food & Beverage solution offers you:

- Ability to compare results, to ensure that raw materials, in process and finish products meet specifications.
- Visual flagging of results that are out of specification for quick response.
- Built-in features for complete traceability and regulatory compliance.
- Integrated electronic record management that produces a completely auditable track records of all laboratory resources taking part in a specific analysis (Scientists, instruments, standards and SOP's).
- Traceability information such as results, results status, equipment records, analyst certifications, location, owner, actions performed, among others.
- Chain of custody support allowing traceability in the handling of laboratory materials.

Information readily available, searchable, centralized, and integrated for fast decision making

Laboratories today generate many types of documents. Documents are used to ensure the lab operates to standards through SOPs and Methods, and communicate results to



customers through Certificates of Analysis. These documents need to be created, edited by team members, routed for approval, put into effect and communicated to those impacted. This can be difficult and expensive to do manually, either through passing paper/sign-off sheets around, or by storing on department share drives.

Labs also generate data from instruments such as HPLC, GC or Chemistry Analyzers, which need to be brought into the LIMS. Manually rekeying this data can introduce errors, and takes time.

Abbott Informatics SDMS manages the documents and data generated by a lab. SDMS will automatically pick up and intelligently parse documents and data, mapping it to appropriate location in the LIMS, route through a workflow for others to review and approve and enable it to be used in the system, whether to communicate lab results to customers, or to put new SOPs into effect. Set it up once, and SDMS will work silently in the background managing your data and documents, ensuring your organization is in compliance and has the appropriate controls in place. Save money on printing and managing paper, save time and focus on getting your work done.

Laboratory managers are faced with many decisions today. It can be challenging and time consuming to gather data to make informed decisions. The great thing about the LIMS is that it stores large amounts of data about each day's activity in a lab. Analyzing this data, looking at trends and patterns over weeks, months, years, can provide insights into the operations of a lab. It can help answer questions for root cause analysis, identify opportunities for improvement, identify bottlenecks causing performance issues, and help build a business case for new resources. Laboratory Managers need data to make decisions. Put the power of **Abbott Informatics Advanced Analytix** to work to quickly provide you with the data you need to make effective decisions to run your lab.

Paperless, Streamlined, Harmonized

Laboratory workflows today can be complex, including multiple steps. Your results are important, so each step is

documented. But documenting in paper notebooks or in Excel files stored on department share drives can be inefficient. It is difficult to share paper notebooks with colleagues in different locations. Files stored on department shared drives can be difficult to maintain and search.

Abbott Informatics ELN is a powerful paper notebook replacement for your lab. Whether you are looking to capture interim result data in tables, create calculations on the fly using standard Excel formulas, add pictures and annotate, or include attachments, the Excel-like interface provides you with a flexible canvas to capture and store your data in a central repository which is easy to search, easy to share and maintains compliance with your organization's record retention rules. You can even see the method/SOP while you are executing the steps to ensure compliance.

Abbott Informatics ELN allows you to focus on getting your work done efficiently, and allows you to execute your test workflow without any interruptions.

Abbott Informatics Mobile Solution

Work in the lab operates in different areas. You may have samples that are collected outside the lab and sent in. Within the walls of the lab, you may have testing done at worktables, perhaps in different rooms. Inventory may be stored in a different location. The challenge is that desktops and laptops may not be available everywhere you need to do work. Sometimes you may need to use papers or other third party solutions.

With Abbott Informatics Mobile solution, you can use the Mobile App available on an iOS or Android smartphone or tablet to continue your work wherever you are. Whether you are outside getting samples, or in the lab, moving from your desk doing work in other areas of the lab, continue your work regardless of the computing device you are using. No more need to deal with paper, or other third party solutions. Automate your workflow.

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