MAQSIMA

Laboratory processes maqsimum efficient.

Success Story

Salus

"Important for me are points such as: project support, project execution, adherence to deadlines, support after the end of the project. These requirements are fulfilled by the MAQSIMA GmbH."

Dr. Hagen Albert,
Contact

Project aim

- A LIMS with which all analytical activities can be carried out
- Support of existing batch data for sample management in LIMS (ERP system interface)
- Exchange of batch data with the existing ERP system via a bidirectional interface
- Prospectively validated LIMS implementation due to the GMP background

Solution

- Introduction of the LIMS system in several phases
- Implementation of the stability module
- Interface development
- Validation is planned and carried out for each implementation phase

The challenge

- Replacement of a non-validatable LIMS
- On-schedule introduction in phases incl. interface
- Parallel introduction at 2 locations with warehouse management system

Benefits

- Significantly more rationalised management and monitoring of stability orders
- Use of existing batch data for sample management in the LIMS (ERP system interface)
- Mapping of complex work steps in one system (e.g. residue analysis, pesticides or heavy metals)
- Seamless traceability of all actions and access to all current and historical data in one system

INITIAL SITUATION

The objective was to introduce a LIMS with which all analytical activities can be carried out. This includes release control, stability analyses, in-process controls, order analysis and analytical development. In addition, batch data must be exchanged with the existing ERP system via a bidirectional interface. Due to the GMP environment, a prospectively validated LIMS introduction is also intended.

APROACHES AND SERVICES

MAQSIMA LAB+ was implemented in several phases. It started with the stability program, which does not yet have an interface to the ERP system. The interface was worked on in parallel during the introduction phase and all other functionalities were introduced after the first phase. The connection to the existing ERP system enables the exchange of batch data. Validation was carried out separately for each phase.

MODULES USED OF MAQSIMA LAB+ | THE LIMS:

- LAB+ | Technical Object Management
- LAB+ | Internationale Certificates
- LAB+ | Reporter (BO)
- LAB+ | Stability Program
- LAB+ | Mandate separation
- LAB+ | OOS
- LAB+ | Barcode
- LAB+ | EDI

BENEFIT FOR THE CLIENT

Overall, the introduction of MAQSIMA LAB+ has been a key factor in optimising work processes. The advantages of MAQSIMA LAB+ are reflected in the optimised management of stability orders and the mapping of previously complex individual steps in a homogeneous system. In particular, users benefit from the seamless mapping of all laboratory processes and centralised access to historical test data. MAQSIMA LAB+ thus becomes a central element of value creation.

MAQSIMA

Software solutions for process performance on a new level.