Batch Management and Controls

Merit for Life Science Batch Management and Controls gives you advanced abilities to track batch status at batch and sub-batch levels and use retest processes to minimize losses due to expired materials, all with seamless, integrated, end-to-end batch track and trace at your fingertips. This functionality allows you to:

- Sub-batch a parent batch
- View parent and sub-batch relationships
- Automatically streamline the update of sub-batch disposition code based on parent batch disposition code update
- Systematically check all related batches on the release of a finished batch

Also, Merit for Life Science adds a lot of functionality to Microsoft Dynamics 365 to enable you to proactively manage inventory according to expiration dates which is critical to ensure substances can be retested for compliance and verified as suitable for use within the retest period.

Situation:

Being able to trace the production history of a product is critical in life science manufacturing. In case there are any product concerns, you must be able to trace the complete production history through the batch information captured in the process.

Subdivision of batches can aid in the production process, but capturing information for sub-batches prepared and used in a batch requires the same stringent compliance tracability as the batch itself. Doingso without a system designed for the task creates numerous challenges.

Common challenges include:

- Inability to sub-batch products, leading to inability to properly perform retains, qc testing, stability, and retest functions
- No traceability in case of quality issues in a batch that needs to be recalled
- No visibility into products reaching expiration date

Benefits:

Merit for Life Science comes with the right blend of functionality so you can:

- Easily sub-batch material
- Save time and effort with systematic check of related batches
- Utilize seamless connection between parent and sub-batch providing transparency into the relationship
- Leverage system-driven batch disposition update from parent to sub-batch
- Be sure that batch changes are secured with E-signature with signature reason code and unique user password
- Automatically check component batch statuses when releasing a production batch
- Gain control over your perishable inventory
- Monitor the items stability or efficacy for safety reasons
- Automate your retest processes to minimize operational delays and reduce expiration losses
- Easily trace the affected batches in case of a quality incident

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