



## Summary

Micro QC Scheduler takes your management of micro analysis to a whole new level by automating the process of determining what "events" in the brewery need to generate a micro sample record. In other words, it "generates sample records" for you, enabling you to track what samples you successfully acquire and then plate and post results for, as well as those you miss.

Once sample records are queued by the Micro Scheduler, you can then easily pull them up and enter your pos/neg readings and notes, as well as to generate re-samples if results are positive.

The screenshot shows the 'Micro QC Scheduler' application window. At the top, there are two tabs: 'Generate' (selected) and 'Data Collection'. Below the tabs, there is a 'Generate Samples' button. To the right of this button is a 'Sample Group' input field. The main area of the window is a large table with the following columns: 'Prod Ord', 'Sample Date', 'Item Code', 'Tank', 'Brand', 'Batch', 'Source', 'Media', 'Incu', and 'Tag'. The table is currently empty. At the bottom of the window, there are several input fields: 'Sample Date' (with a calendar icon), 'Batch', 'Brand', 'Source', and 'Tank'. Below these are 'Media' and 'Inc' (with a dropdown arrow). To the right of these fields is an 'Add Row' button. At the very bottom, there are two buttons: 'Commit Samples' and 'Cancel'.

## Details

The Micro Sampling looks at the last 10 days with the exception of WARM which is 21 days. It looks at a 10 day date spread, either today – 10 or in the case of WARM transactions that are 21 – 31 days old. The idea is that you can run once a week or daily to generate samples but if you wait more than 10 days you may miss some transactions. The system looks to see if the transaction already



exists in the tables to prevent duplicates. You can run daily with concern of having duplicate transactions.

Once a sample is put into the queue another sample will not be generated unless the results are Positive or they flag to take another sample.

Most entries look at production orders with the specified Process type and the completed quantity is greater than 0.0

- POST - Brewing items that come into stock. Sample from the Knock Out.
- KEG - Packaging items that come into stock and have a Pack Type family of 'KEG'
- BOTT - Packaging items that come into stock and have a Pack Type family of 'BOTTLE' or 'CASE BOTTLE'
- WARM – Packaging Items that have been in Warm Storage for 21 to 31 days.
- CENT/BBT - Filtration Production orders that have been processed.
- FV – Fermentation comes into stock
- CHILL – Beer was chilled in the Fermenter. Check box on QC is checked that the tank was chilled

Version 4.7.1.0