

mother_batches

Purpose

To track all batches of Mother Stock.

Referenced By

- working_batches

References

- microbe_types.code

Primary Key

The batch number is used as the primary key. Later stages had more organic batch numbering systems that could be coopted by the LIMS system, but in the case of mother and working stocks, different batches were only differentiated by the date they were made.

To create batch numbers that could work in LIMS, I translated those dates into the YYMMDD format used elsewhere, and added

Columns

column name	data type	constraints	purpose
batch	varchar(20)	Primary Key, Not Null	To be the unique identifier for other tables to reference. It's assumed that mother stocks made on the same day will have have the same batch number.
microbe_code	varchar(10)	Foreign Key, Not Null	Which microbe; references the microbe_types table and connects the microbe-specific data there.
qty	integer	-	The number of tubes originally made.
qty_remaining	integer	-	The number of tubes still available.
start_date	datetime	Not Null	When the mother stock was made or obtained.