

## Total Milk Management 12

## ASCII CSV File Format for the transmission of Milk Testing Data

Please review the following documentation carefully. It can impact the quality of your services to your Total Milk Management customers.

The following file specifications were developed to create a uniform standard for the transmission of milk testing data into the *Total Milk Management Version 12* system. This standard is very close to our TMM 10 test file formats you may have used for years. The major change is in the delivery method. Test files will no longer need to be e-mailed or loaded on to a FTP server for dissemination.

Once you have configured your data output, per the following specifications, please e-mail a sample data file to <a href="mailto:moakley.oakley@totalmilk.com">moakley.oakley@totalmilk.com</a>. We will verify your sample file is in the correct format and assign you a user id and password to log on to our test portal at <a href="https://lab.totalmilk.com">https://lab.totalmilk.com</a>. Once you have uploaded a test file to this portal, the test results are automatically routed to your TMM 12 customer! Complete instructions for using this portal will be available shortly as well as online support.

Myron Oakley

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President PCM

## **General File Specifications**

- 1. File format shall be in a standard ASCII text format.
- 2. Each record shall be one and only one line.
- 3. Each line will be terminated with CR or CR/LF combination.
- 4. The first (and only the first) line of every test file shall be a "template" or header line. This template line will contain each field's test data attribute. See the sample test file for an example.
- 5. Each field of a record shall be delimited with a comma (,). If a data for a field is NOT being supplied, it is still required to be delimited with a comma. A field item not supplied or tested would look like this:

"

(Two commas together, one or more spaces between two commas are permitted).

- 6. **NEVER** supply a zero or any other value for a test you **DID NOT** perform. If any specific test is not performed it should be just delimited per item 5 above.
- 7. Field names must be exact or they will **NOT** transfer. Please double check your headers carefully.

## **Record Layout**

Field # 1 - "ProducerPlant" - Required

This FDA / IMS / BTU of the entity licensing this producer. This must exist on the Total Milk Management master plant list. Note: This may differ from the \*state\* assigned plant number. If the state plant ID differs, it should be used in field # 30.

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Field # 2 - "ProducerNo" - Required

The producer number as provided by the customer. It shall be numeric.

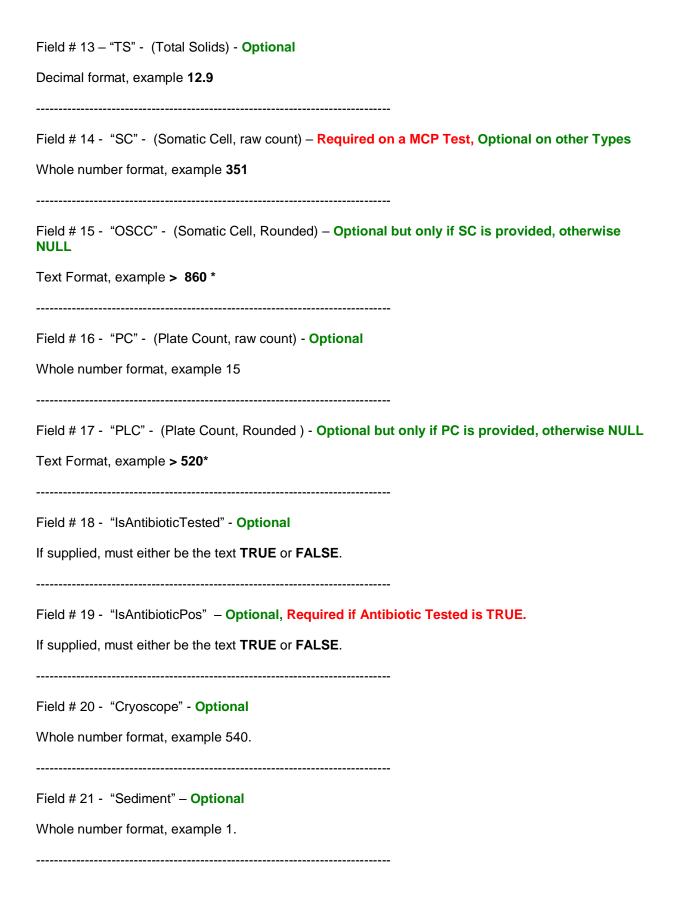
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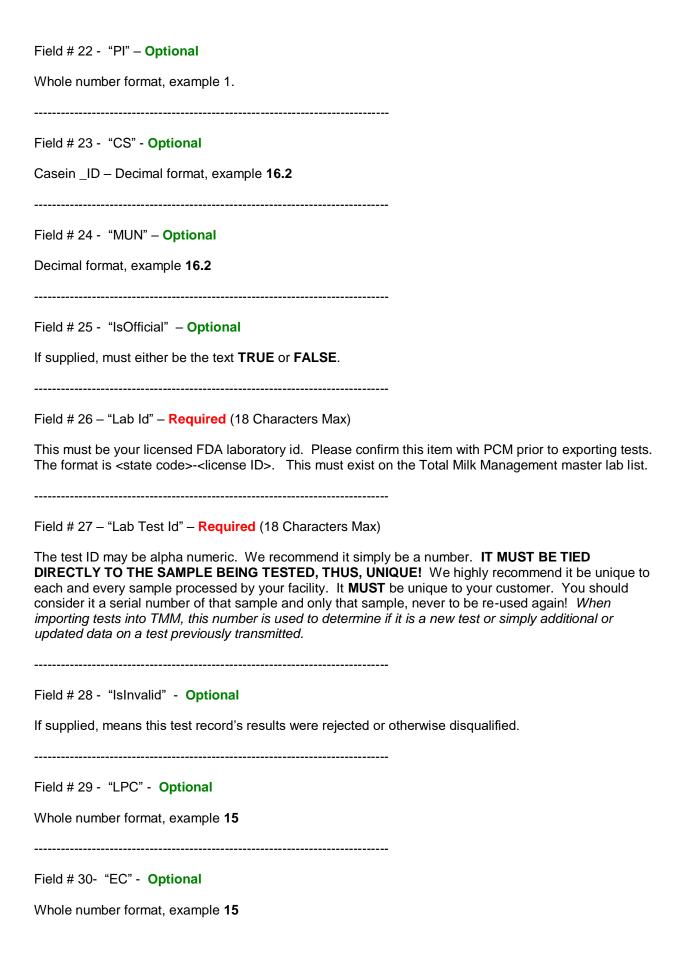
Field #3 - "Unit Id" - (Tank Number) - Optional

This is a **Required** field whenever the patron has more than one cooler **AND / OR** more than one pickup on the same day. For example, a patron may have two coolers and even two pickups from each cooler per day. The first stop would have sample unit ids of **1** and **2**; the second stop would have sample unit ids of **3** and **4**. Whole number format.

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Field # 4 - "Grade" - Optional, but highly recommended. Text format, either A or B. It is highly recommend this be supplied by the lab as it reflects and confirms the acceptable limits for cells and plates. Field # 5- "RecordDate" - (includes Time) - Required The date and time the test sample was received into the lab. The Date string shall be "mm/dd/yy hh:mm:ss". Field # 6 - "SampleDate" - (includes Time) - Required The date and time the test sample was collected. The Date string shall be "mm/dd/yy hh:mm:ss". ..... Field # 7- "TimeTested" - (includes Date and Time) - Required The date and time the test sample was tested at the lab. The Date string shall be "mm/dd/yy hh:mm:ss". Field # 8 - "SampleTemperature" – Required The temperature of the sample when collected. Whole number format, example 38 Field # 9 - "BF" - (Butter Fat) - Required on a MCP Test, Optional on other Types Decimal format, example 3.48 Field # 10 - "PT" - (Protein) - Required on a MCP Test, Optional on other Types Decimal format, example 2.86 .\_\_\_\_\_ Field # 11 - "LT" - (Lactose) - Optional Decimal format, example 4.75 \_\_\_\_\_\_ Field # 12 - "OS" - (Other Solids) - Required on a MCP Test, Optional on other Types Decimal format, example 2.86





Field # 31- "BarCode" - Optional
String format, example 123-abc
Field # 32- "Mold" - Optional
String format, example <10, 23
Field # 33- "Yeast" - Optional
String format, example <10, 15

Field # 34 - "StatePlantID" - Implementation Pending

Must be supplied if the given state references the producer plant with any ID different than the standard IMS plant id. (Note: Wisconsin does this.)

Additional or new fields may be appended from time to time. The fields may appear in any order, in the submitted test record. Once imported, however, the fields will be displayed in the order listed above. Unrecognized fields \*may\* be manually mapped or are otherwise ignored.