



HATSUN DAIRY

Hatsun Agro foods is a leading dairy in south India. They have state of the art dairy plants producing high quality liquid milk , powder and other milk products.

They planned for a LIMS while they were implementing their ERP system. Data flows freely between the LIMS and SAP ERP system for them to take valuable on time decision.

LIMS gives them all valuable information related to the quality of their products which helps them to provide high quality products to their customers



Fine Tune your laboratory processes with Qualis

WHATS' UP WITH DAIRIES

Traditionally dairies have been using paper, excel or simple laboratory data management systems which are mere documentation systems rather than allowing organizations to use the knowledge for important decision making which will directly correlate to the quality of products.

There is no point in blaming the industry, the SME sector of this industry are taken aback looking at the implementation, maintenance and total cost of ownership of such solutions.

Qualis LIMS Platform has proved the other way

Q: What if you had an electronic system for recording all your batch information, quality information?

A: Allows you to go back to any test data and also watch trend of your results for various products and parameters measured.

Q: What if you can make a quality Plan, revise it at a click of a button?

A: Dairies either end up doing over testing or under testing. Quality Planning helps a lot in your test planning for various product, intermediates, composites etc

“We implemented Qualis for 3 of our dairy manufacturing units which helped in visibility of quality data for production. The Grading Module directly helped the company improve its bottom-line” – Mrs. Tania Williams DGM Quality

GET THE PICTURE

This is a very old dairy with traditional and modern methods of analysis.

But every test result was recorded on shift lab notebooks with pre-printed test lists.

The problem of their existing system was that the lab manager had to call the shots for perform individual tests depending on the scenario. Most often the lab both ended up over-testing or under-testing and would miss important events happening within the manufacturing as their process was very manual and person driven.



Full Traceability of Data

Full Traceability

Qualis has been designed for laboratories practicing GLP and regulated industries. Qualis has full traceability of any data that is created, edited or deleted within the system

QUALITY PLAN

A clear cut quality plan was laid out. This meant what are the various kinds of samples that need to be pulled at what time points, when events occur, what is the composite testing rule etc. were planned well.

The system was used to input the quality plan and was supposed to clearly give an idea about the type of samples to be pulled, when and what tests need to be done on those samples. Like in a powder line if a there was a shut down of the unit then what are the tests that need to be done when the restart happens was handled by the LIMS in a systematic manner. So there is no guessing, under testing or over testing.

Batch products had a definite plan which helped the lab in quickly reporting the results on time every time.

GRADING?

Dairy processing is a very sophisticated technology that many not give the intended output all the time.

Dairies when producing bulk items but their need to deliver with certain quality is a strong deterrent and need a system that can segregate their products based on their quality parameters.

Qualis grading system gives a quick birds eye view of batch products manufactured by dairies based on the quality parameters. Batches can be easily graded based on the composites tested in the lab and the respective quantities can be isolated as separate inventory items with such quality parameters. These quantities when reported to ERP systems and logistics helps in grading the products. The grading system gives a real good chance again for the manufacturer to with re-process or sell it as a different grade of item that can be procured by certain customers

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AUTOMATION

Interfacing instruments was one of the key areas that brought in automation and improved our throughput. Logilab ELN is an easy to use lab notebook system that can be easily configured to interface lab instruments.

Quality data from laboratory when flowing to ERP system is a valuable piece of information that helps the business side to take quick decision.

Agaram Technologies (HQ)

Priyan plaza 76
Nelson Road Aminjikarai
Chennai 600 029,India
T: +91 44 42082005
E: info@agaramtech.com

Agaram Technologies Inc. (KOREA)

941 Hogye-Geumjeong SK V1 Center
42, LS-ro, Dongan-gu, Anyang-si,
Gyeonggi-do 14118, KOREA
T: +82 31 429 8958
E: info@agaramtech.com

Agaram Technologies (USA)

20130, Lakeview Center Plaza Suite
400, Ashburn, VA 20147
U.S.A
T: +1 703 297 8591
E: info@agaramtech.com