Equipped with Most Modern Equipments
We have most modern equipments and experienced analysts.

ISO 9001:2008 Certified
NABL Accredited as per ISO/IEC 17025:2005

State Dairy Laboratory (SDL)

An initiative of Dairy Development Department established in 2010 aims to ensure the quality of milk and milk products across the state. The laboratory is located in Thiruvananthapuram, the capital city of Kerala. SDL is equipped with state-of-the-art equipment to cater various chemical and microbiological analysis of milk & milk products, animal feed/food ingredients and water. Our lab is furnished with sophisticated instruments such as IIFLC QC, UV Spectrophotometer, Ali etc.

We are ISO 9001:2008 certified and accredited by NABL as per ISO 17025:2005

OUR SERVICES

Chemical Division
Our chemical division offers a wide range of testing services in the areas of dairy products, animal feeds and water. Our highly qualified and dedicated analysts use globally approved test methods and most modern equipments to provide accurate, reliable and timely reports.

Dairy Products
- Proximate and nutritional analysis
- Detection of adulterants, preservatives and neutralizers
- Mycotoxin detection in milk and milk powder
- Determination of A1 & A2 casein

Animal feed/food ingredients
- Proximate composition
- Urea
- Minerals
- Mycotoxins

Microbiological Division
We possess equipments such as Tempo for rapid microbial enumeration in food samples, Vidas for screening of pathogens and Real time PCR for rapid detection of pathogens.

Animal feed/food ingredients
- Total Plate count
- Coliform
- E.coli
- Yeast and mould
- Salmonella
- Listeria monocytogenes
- S.aureus
- Enterococci
- Shigella

Water
SDL provides analytical services for testing drinking/potable water and packaged drinking water.
- pH
- Colour
- Turbidity
- Hardness
- Total dissolved solids
- Total alkalinity
- Minerals
- Metals

Training
We provide hands on training to students and working professionals using the latest techniques in microbiological and chemical analysis to meet the growing needs of the industry. We also provide training to students and working professionals in Quality Management Systems, Food Safety and HACCP.

Consultancy
We provide consultancy to industries in Dairy sector to improve the quality of raw milk and milk products. We also provide consultancy to organizations for implementation of Quality Management Systems (ISO 9001, ISO 22000), HACCP and Food Safety etc.
KAFIRIN LABORATORY

Kollam, Kerala - 691011

The laboratory is fully equipped and qualified in the analysis of milk and milk products. It is ISO 17025:2005 accredited laboratory which is fully equipped with the latest technology. It is well equipped with all the necessary equipment for the analysis of milk and milk products. The laboratory is staffed with qualified and experienced technologists.

The laboratory offers a wide range of services for the analysis of milk and milk products. These services include:

- Milk composition analysis
- Milk protein analysis
- Milk fat analysis
- Milk moisture analysis
- Milk solids analysis
- Milk pH analysis
- Milk viscosity analysis
- Milk aroma analysis

The laboratory is equipped with state-of-the-art equipment for the analysis of milk and milk products. This includes:

- UV, SPECTRO PHOTO METER
- HPLC
- AAS
- GC

The laboratory is well equipped with all the necessary facilities for the analysis of milk and milk products. These facilities include:

- A well-equipped laboratory
- A fully equipped office
- A well-equipped warehouse

The laboratory is staffed with qualified and experienced technologists. These technologists are well trained in the latest techniques for the analysis of milk and milk products.

The laboratory is open from 9:00 am to 5:00 pm, Monday to Friday. For more information, please contact us at:

- Phone: 0471 - 2440074
- Fax: 0471 - 2440074
- Email: statedairy.laboratory@gmail.com

For more information, please visit our website at:

- www.kollamlab.com