



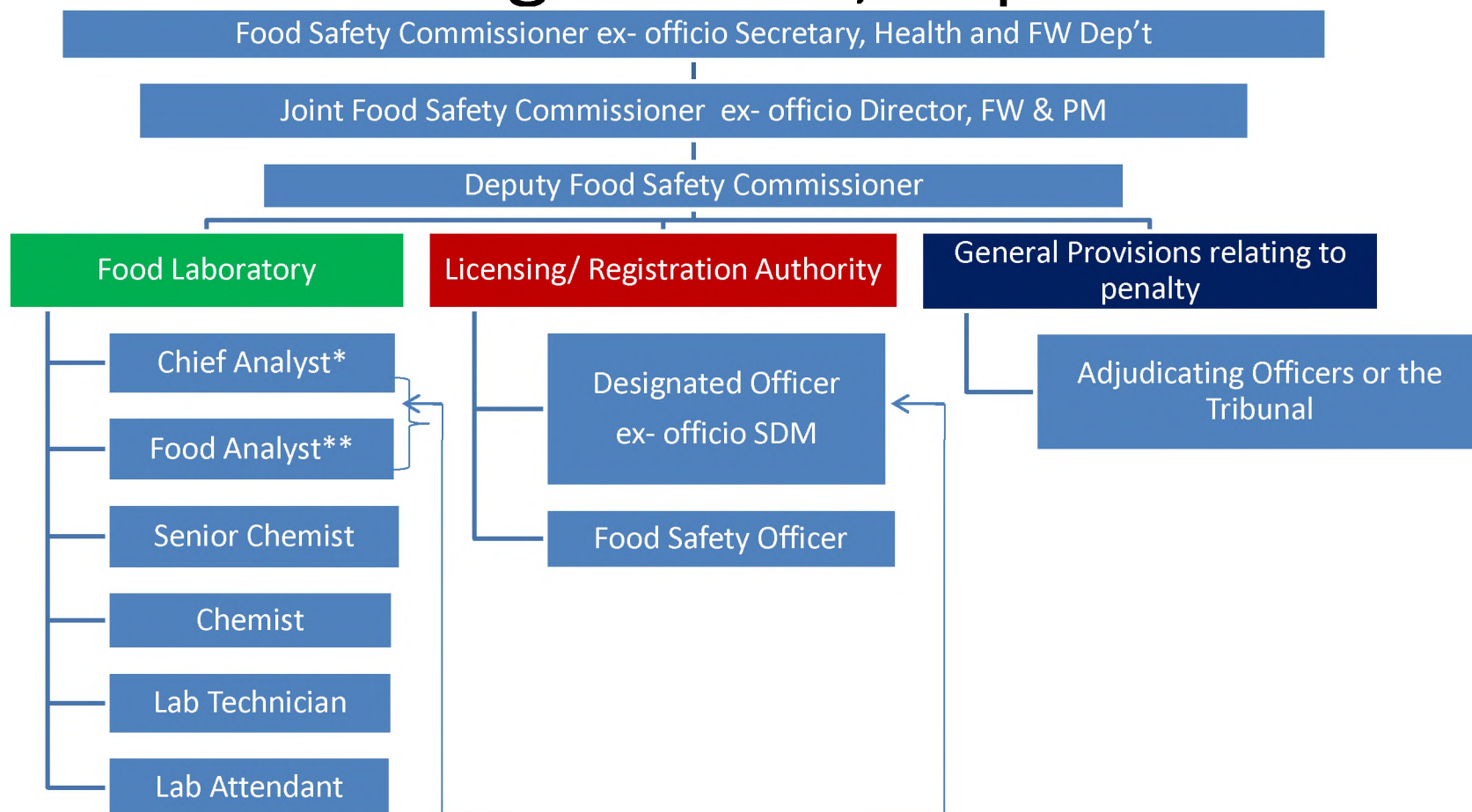
# **REGIONAL FOOD LABORATORY**

**ESTT. 1973: 47 YEARS IN SERVICE.**



# INTRODUCTION

- The Government of Tripura has established the **State Public Health Laboratory (SPHL)** under the Department of Health & Family Welfare in 1973. The Laboratory was situated on the northern side of opposite V. M. Hospital (Now called I. G. M. Hospital). This SPHL was established to analyze foods and food additives for the State of Tripura as per PFA Act, 1954.
- Later, this laboratory was re- named **as Regional Food and Drug Laboratory (RFDL)** to analyze the same for three NE States i.e., Tripura, Manipur and Mizoram. The RFDL has been strengthened by the fund allotted by NEC, Govt. of India which includes infrastructure development of the building with sanctioned of various technical & Non-technical manpower for the RFDL.
- As the RFDL worked only on analysis of Foods and Food Additives as per PFA Act, 1954 but not Drugs, hence this RFDL was again renamed as **Regional Food Laboratory (RFL)** though the State government of Manipur & Mizoram have not being sending any food sample to RFL for many years. Now, the RFL is working on the analysis of Food and Food Additives as per FSS Act, 2006 and Rules & Regulations, 2011 for the Tripura State only.
- At present, many parameters of foods samples are being analyzed in this Laboratory. The food samples like Oils & Fats, Milks and Milk Products, Tea & Coffee, Sweetening Agents, Edible Salts, Wheat Products, Spices & Condiments, Fruits & Fruit products etc. are being analyzed at RFL for near about 50 years.

# Organization Structure of Food Safety & Regulations, Tripura



# PRESENT STATUS OF HR (TECHNICAL)

Sl No.	Name	Designation	Table Charge	Phone No	Email ID	
1.	Sri Santanu Biswas	Chemist	Food Analyst	9436342975	<a href="mailto:santanu.foodlaboratory@rediffmail.com">santanu.foodlaboratory@rediffmail.com</a>	
2.	Sri Anil Barman	Sr. Chemist	Store Officer. Analysis of Food & Food Additives	9436457390	<a href="mailto:barmananilrfl@gmail.com">barmananilrfl@gmail.com</a>	
3.	Sri Nitai Ch. Roy	Chemist	Analysis of Foods & Food Additives	9436538764		
4.	Sri Keshab Kanti Paul	Chemist	---do---	9436454768		
5.	Sri Anup Saha	Chemist	Quality and Technical Manager	9862396445	<a href="mailto:sahaanup98@gmail.com">sahaanup98@gmail.com</a>	
6.	Smt. Kaushiki Saha	Microbiologist	Food Microbiologist	7005128769	<a href="mailto:ksahamicro@gmail.com">ksahamicro@gmail.com</a>	
7.	Smt. Raisa Chakma	Laboratory Technician	Assisting of Chemist/ Sr. Chemist	9612463268	<a href="mailto:Raisa.chakma@gmail.com">Raisa.chakma@gmail.com</a>	
8.	Smt. Rumi Debbarma	Laboratory Technician	Assisting of Chemist/ Sr. Chemist	7005869522		

# List of Food Samples and Parameters Tested at RFL

S. No.	Name of the Food item	Parameter tested	Test method
1.	Dairy Products And Analogues	As per FSS Regulations	FSSAI
2.	Fats , Oils and Fat Emulsions	As per FSS Regulations	FSSAI
3.	Fruits and Vegetables products	As per FSS Regulations	FSSAI

4.	Cereals and cereal products	As per FSS Regulations	FSSAI
5.	Meat and meat Products	As per FSS Regulations	FSSAI
6.	Fish And Fish Products	As per FSS Regulations	FSSAI
7.	Sweets and Confectionary	As per FSS Regulations	FSSAI

S. No.	Name of the Food item	Parameter tested	Test method
8.	Proprietary Food	As per FSS Regulations	FSSAI

# List of Food Samples and Parameters Tested at RFL (Contd.)

S. No.	Name of the Food item	Parameter tested	Test method
9.	Sweetening Agents Including Honey	As per FSS Regulations	FSSAI
10.	Salts, Spices, Condiments And Related Products	As per FSS Regulations	FSSAI
11.	Beverages ( Other than Dairy And Fruits & Vegetables based)	As per FSS Regulations	FSSAI
12.	Other Food Products And Ingredients	As per FSS Regulations	FSSAI



# Sophisticated Instruments



Fig. 1: UV- VIS Spectrophotometer



Fig. 2: Water Analyzer

# Other instruments used at RFL



Fig. 1: Centrifuge



Fig. 2: Shaker Machine



Fig. 3: Moisture Balance



Fig. 4: Digital Weighing Balance



Fig. 5: B. R. R. Meter  
5/18/2020



Fig. 6: Conductivity  
Meter



Fig. 7: Digital pH Meter



Fig. 8: Polarimeter



# Other instruments used at RFL (Contd.)



Fig. 1: Digital Hot- Air Oven



Fig. 2: Digital Muffle Furnace



Fig. 3: Hot- Air Oven



Fig. 4: Garber Centrifuge



Fig. 5: Digital pH Meter



Fig. 6: Digital Water Bath



Fig. 7: Trinocular Microscope



Fig. 8: Magnetic Stirrer with Hot Plate



Fig. 9: Water Distillation Apparatus

## Working sites of RFL



Chamber of Food Analyst



Chemical Laboratory



Heavy Metals Analysis Room



Work at Chemical Laboratory





Group Photo of Lab Staffs



New Building for RFL

# Food Safety On Wheel

*Nodal Officer:- Food Analyst.*

*Toll free Number:-18003453849*

- Different activities of Food Safety on wheel is going on throughout the State of Tripura Activity of Mobile Food Testing Laboratory mainly focusing on

## 1. **Awareness :-**

- a. Safe & Nutrition Food.
- b. Importance of Food maintaining Hygiene

## 2. **Training:-**

- a. Responsibility of Food Business operator
- b. Liability of Manufacturers, Packers, Wholesalers, distributors and sellers.

## 3. **Testing:-**

Adulterants are detected in the Mobile Food Testing laboratory by the competent Technical personal.



MFTL Van



Awareness Program at MFTL



Testing at MFTL

## **REGIONAL FOOD LABORATORY**

**DIRECTORATE OF FAMILY WELFARE & PM**

**GOVT.OF TRIPURA, AGARTALA**

**GURKHABASTI, P.N. OFFICE COMPLEX**

**email:- [sftl.tripura@gmail.com](mailto:sftl.tripura@gmail.com)**