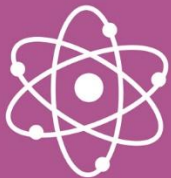




FOOD SAFETY AND STANDARDS  
AUTHORITY OF INDIA

*Inspiring Trust, Assuring Safe & Nutritious Food*  
Ministry of Health and Family Welfare, Government of India

# STANDARD SPECIFICATIONS FOR SETTING UP OF A BASIC FOOD TESTING LABORATORY





**STANDARD SPECIFICATIONS  
FOR SETTING UP OF A BASIC  
FOOD TESTING LABORATORY**

2021



## PREFACE

Food testing and analysis is a crucial process in determining the conformity of the food to the Food Safety and Standards Regulations. Food Testing laboratories play a major role in the analytical process of food products throughout the country. A food laboratory should have the adequate facilities, infrastructure and manpower to perform the analysis of parameters for the regulatory purposes as well as surveillance. The need for a complete model to support the laboratories to ensure the basic functionalities required is indispensable.

The document "Standard Specifications for setting up of a Basic Food Testing Laboratory" envisages the facilities, a Basic Food Analysis and Testing laboratory should have to facilitate the food quality and safety assurance system. This document comprises of the basic requirements of a laboratory set-up, organizational structure, manpower requirement with desirable qualifications, building design and layout, equipment requirement with technical specifications, personnel safety, financial autonomy to laboratories, etc. The objective of this document is to strengthen the food testing laboratory network to ensure food safety and quality assurance. These specifications will lead to the Good Laboratory Practices (GLP) and enhance the accuracy of the testing results from the laboratories. It acts as a guidance document for setting up a basic food laboratory to support the regulatory compliance system of the Food Safety and Standards Act, 2006.

Any suggestions/feedback from the stakeholders, which will contribute towards updating the document from time to time are welcome.



**Shri Arun Singhal,  
Chief Executive Officer,  
Food Safety and Standards Authority of India,  
FDA Bhawan, Kotla Road,  
New Delhi – 110002.**

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**Dr. Harinder Singh Oberoi**  
Advisor (QA),  
Food Safety and Standards Authority of India,  
FDA Bhawan, Kotla Road,  
New Delhi – 110002.



*Inspiring Trust, Assuring Safe & Nutritious Food*  
Ministry of Health and Family Welfare, Government of India

## List of Contributors

Sr. No.	Name	Organization
1.	Dr. Lalitha. Ramakrishna Gowda	Retd. Chief Scientist, CSIR- Central Food Technological Research Institute (CFTRI), Mysore
2.	Dr. Harinder Singh Oberoi	Food Safety and Standards Authority of India
3.	Dr. G. P. Sharma	National Food Laboratory, Kolkata, FSSAI
4.	Dr. S. K. Panda	ICAR- Central Institute of Fisheries Technology, Kochi
5.	Shri Umesh Kumar Jain	Food Safety and Standards Authority of India
6.	Dr. Jyotsana Singh	Food Safety and Standards Authority of India
7.	Dr. Archana Tiwari	Food Safety and Standards Authority of India

***Compiled and Edited by:***

Dr. Lalitha. Ramakrishna Gowda

Dr. Harinder Singh Oberoi