



**ICAR-INDIAN INSTITUTE OF
HORTICULTURAL RESEARCH**
Hessarghatta Lake (P.O)
Bangalore-560089, Karnataka
**FOOD SAFETY REFERRAL
LABORATORY**



The Food Safety Referral Laboratory (FSRL) at ICAR-IIHR was established in the year 2017 with funding by ICAR. It is a multidisciplinary facility for testing of food for chemical as well as biological contaminants. **The laboratory has been accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL) as per ISO/IEC 17025: 2017** for testing of pesticide residues, heavy metals, Sudan dyes and microbial pathogens in horticultural produce and in water. This accreditation is globally accepted as proof of conformance to the standard's requirements. The laboratory is engaged in testing stakeholder's samples for presence of these contaminants.

Mandate

To undertake analytical services for testing food especially horticultural produce samples for presence of food contaminants & capacity building of the scientific and technical personnel for food analysis through training.

Infrastructure and Manpower

FSRL is situated in a dedicated building at ICAR –IIHR main campus, with separate physical and functional units to test and certify pesticide residues, heavy metals, non-permitted dyes and microbiological hazards in horticultural foods. The laboratory ensures highest standard of accuracy and precision in detection of chemical contaminants using sophisticated equipments viz. LC-MS/MS, GC-MS/MS, AAS, GC, HPLC – Kobra Cell,

Microbial contaminants are detected through conventional microbiology as well as qPCR, and rapid USFDA approved systems such as VIDAS®) and Vitek®. The laboratory design is as per approved standards suitable for workflow, containment systems and observance of good laboratory practices.

FSRL achieves its uncompromising commitment to excellence through a pool of highly qualified scientists, technicians as well as trained analysts. Each functional unit is supervised by scientists specialized in respective area of work.

For further details contact :

Incharge, Food Safety Referral Laboratory

ICAR-IIHR, Bangalore -89

Phone – 080- 23086100 extn 480/485/248

Email – ihrfsrl@gmail.com

URL - <https://www.iihr.res.in/nabl-accredited-food-testing-lab>

Or

Director, ICAR- IIHR, Bangalore

