

Pesticide Residue Analysis Laboratory, Punjab Agricultural University, Ludhiana

- The pesticide residue analysis laboratory has been accredited by National Accreditation Board for Testing and Calibration Laboratories, New Delhi since 2010. This is the first laboratory among State Agricultural Universities (SAU's) to be awarded such a recognition.
- The laboratory is equipped with all the latest modern sophisticated instruments like Gas Liquid Chromatographs (GLC), Gas Chromatograph-Mass Spectrometry (GC-MS-MS), High Performance Liquid Chromatograph (HPLC), Liquid Chromatograph –Mass Spectrometry (LC-MS/MS) for the estimation and confirmation of pesticide residues.

Status of NABL Accreditation of the laboratory

Laboratory accredited since	2010
Present accreditation valid upto	17-03-2029
Commodities	Vegetables, Fruits, Cereals, Pulses & Water

Laboratory Layout



Laboratory Layout



Photographs of the Facilities



GAS LIQUID CHROMATOGRAPH

Photographs of the Facilities



GAS CHROMATOGRAPH MASS SPECTROMETER

Photographs of the Facilities



TRIPLE QUADRUPOLE GAS CHROMATOGRAPH MASS
SPECTROMETER (GC-MS-MS)

Photographs of the Facilities



TRIPLE QUADRUPOLE LIQUID CHROMATOGRAPH MASS SPECTROMETER (LC-MS-MS)

Photographs of the Facilities



HIGH PERFORMANCE LIQUID CHROMATOGRAPHS