

Quality Assurance & Safety management System

System for Quality assurance

The laboratory is accredited by Nation Accreditation Board for testing & calibration Laboratories (NABL) a constituent Board of Quality council of India as per ISO 17025, 2005 and have valid certification till 14th September, 2020. Accordingly, Bioscience Laboratory has adopted all the steps for quality assurance in various analytical activities.

Performance of laboratory in Quality Assurance Exercises:

Sl. No	Type of exercise	Year	Parameter covered	Performance	Organising Agency
1	Proficiency testing	2020	Total Plate Count (Potable Water)	Satisfactory	LGC Standard , U.K.
3	Proficiency testing	2020	Total Coliform (Potable & Waste Water)	Satisfactory	LGC Standard , U.K.
4	Proficiency testing	2020	Fecal Coliform (Waste Water)	Satisfactory	LGC Standard , U.K.
5	Proficiency testing	2020	E. coli (Potable Water)	Satisfactory	LGC Standard , U.K.
6.	Proficiency testing	2020	Fecal streptococci (Potable & Waste Water)	Satisfactory	LGC Standard , U.K.
7.	Inter-laboratory comparison (including 9 labs)	2019	Acute toxicity test	Pass	CPCB , Delhi
8.	Inter-laboratory comparison	2016 (Fresh exercise for Saprobic & Diversity score of Benthic Macroinvertebrates will be performed in the month of Oct 2020)	Biomonitoring (Taxonomic identification of Benthic Macroinvertebrates.	Excellent	CPCB, Delhi

System for occupational health and safety management

To ensure health and safety aspects of laboratory personnel and assets, CPCB has implemented occupational health and safety management system (OHSMS) in the laboratory and got certification from BIS as per IS 18001:2007. Accordingly, to comply with the prescribed guidelines of OHSMS, measures are being taken up and monitored periodically by the laboratory.