	CENTRAL LABORATORY, DELHI	DOC: CB/CL/SOP/7.7/1
	STANDARD OPERATING PROCEDURE	Issue No. : 01
	PROCEDURE FOR ENSURING AND MONITORING THE VALIDITY OF RESULTS	Issue Date : 16.08.2023
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1.0 PURPOSE

To ensure the validity of result, adequate level of Quality Control for Quality Assurance of test results provided to customer. Quality Assurance shall be established in the Test results.

2.0 SCOPE

All the Test Parameters covered under the scope of Accreditation

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3.0 RESPONSIBILITY

Technical Manager, Quality Manager and Laboratory Heads of Central Laboratory, CPCB-Delhi.

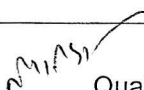
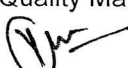
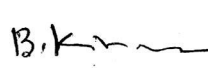

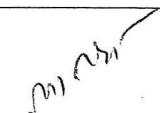
4.0 PROCEDURE


4.1 Quality Control of test is done under the supervision of Laboratory Heads/ Designated Supervisors

4.2 Quality Control Programme is prepared by laboratory heads in consultation with concerned supervisors.

4.3 The Internal Quality Control programme shall cover the following points as per their relevance:

- use of reference materials or quality control materials;
- use of alternative instrumentation that has been calibrated to provide traceable results; wherever applicable
- functional check (s) of measuring and testing equipment;
- use of check or working standards with control charts, where applicable;
- intermediate checks on measuring equipment;
- replicate tests or calibrations using the same or different methods;
- retesting or recalibration of retained items; wherever applicable.
- correlation of results for different characteristics of an item; wherever applicable.
- review of reported results;
- intralaboratory comparisons;
- testing of blind sample(s)

Amendment No.00	Amendment Date :		
Prepared by	Reviewed & Recommended by	Approved By	Issued By
 Quality Manager  Deputy Quality Manager	 Deputy Technical Manager	 Technical Manager	 Quality Manager

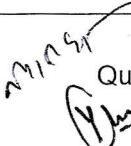
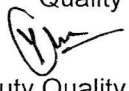
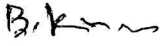

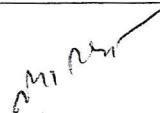
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4.4 Each Laboratory of Central Laboratory has prepared its own Standard Operating Procedure to maintain their Internal Quality Control Programme for ensuring and monitoring the validity of results for its own activities as per the list below

S. No.	Title of SOP	No. of SOP	Issue No.	Date of issue
Air Laboratory				
1.	Procedure for Internal Quality Check for chemical parameters	CB/CL/SOP/AL/01	01	09.11.2020
2.	Procedure for ensuring the validity of test results and internal quality check plan	CB/CL/SOP/AL/10	01	22.05.2023
Bio-Science Laboratory				
1.	Procedure for Ensuring the validity of test results & internal Quality check plan for Bioscience laboratory.	CB/BL/SOP/MB/16	01	21.01.2020
Instrumentation Laboratory				
1.	Procedure for Ensuring the Validity of Test Results and Internal Quality Check Plan	CB/IL/SOP/7.7.1/10	01	03.11.2020
Trace Organic Laboratory				
1.	Procedure for Internal Quality Control for Analysis of Pesticides in Water and Waste water.	CB/SOP/TOL/7	02	01-08-2023
2.	Procedure for Validation of Pesticides Analysis in Water and Waste Water.	CB/CL/SOP/TOL/1	02	01-08-2023
Water Lab				
1.	Procedure of Ensuring the Validity of Test Results (Intermediate Check & QC Exercises) in Freshwater, Wastewater, Soil & Solid Waste Analysis	CB/CL/SOP/WL/35	02	01/08/2023

4.5 RECORDS

All the records of ensuring and monitoring the validity of results shall be maintained by the concerned laboratory staff.

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 Quality Manager  Deputy Quality Manager	 Deputy Technical Manager	 Technical Manager	 Quality Manager