

CENTRAL LABORATORY, ICAR, NEH, UMIAM

Standard Operating Procedures for Central laboratory, ICAR- NEH Umiam

1. The Central Laboratory will accept samples at the **post-processing stage only**. This means that the laboratory will receive samples after the analytes have been extracted from commodities such as soil, plant, and water. By accepting samples at this stage, the laboratory ensures that the analytical process focuses on the measurement and interpretation of the extracted analytes, thereby enhancing the accuracy and reliability of the test results. **(Sample submission format and acknowledgement attached as annexure I)**
2. The protocol for receiving sample is as follows:
 - **Samples from Regional Stations, Farmers, Students, and Private Individuals:** Samples from regional stations, farmers, students, and private individuals should be addressed and sent to the Head of Division (HOD), Division of System Research & Engineering (DSRE), ICAR, Umiam. **(Contact details attached as annexure II)**
 - **Samples from ICAR NEH Headquarters:** Samples originating from the headquarters, i.e., ICAR, Umiam, will be received directly by the In-charge of the Central Laboratory. **(Contact details attached as annexure II)**
3. **The price details is attached as annexure III**

CENTRAL LABORATORY, ICAR, NEH, UMIAM

Annexure I

SAMPLE INFORMATION SLIP

Date:

(To be filled by Customer)		
1	Name and Address of the Customer/Source	
2	Phone , Mobile, E mail address	
3	Sample Name	
7	Date of sample processing	
8	Name(s) of the tests to be performed	
(For Central laboratory, ICAR, NEH, Umiam)		
9	Name and Signature of sample receiver	
10	Sample review	☐ Method of analysis
		☐ Equipment
		☐ Reference standards
11	Expected date of analysis	
12	Remark and signature of the reviewer	Accepted/ Rejected

CENTRAL LABORATORY, ICAR, NEH, UMIAM

Annexure II: Contact details

1. Head of Division (HOD),

Division of System Research & Engineering (DSRE),
ICAR Research Complex for North Eastern Hill Region,
Umroi Road, Umiam-793103, Meghalaya
E-Mail: hoddsre@yahoo.com

2. In-charge, Central Laboratory

Division of System Research & Engineering (DSRE),
ICAR Research Complex for North Eastern Hill Region,
Umroi Road, Umiam-793103, Meghalaya
Ph: 9233048809
E-Mail: centrallaboratoryicarneh@gmail.com, yengkhom.kumar@icar.gov.in

CENTRAL LABORATORY, ICAR, NEH, UMIAM

Annexure III: Rate for Soil, plant and water analysis at Central laboratory, ICAR, NEH, Umiam

SAMPLE TYPE	PARAMETER	CHARGES PER SAMPLE			
		FARMER/STUDENT	INSTITUTE PROJECT	EXTERNAL PROJECT	PRIVATE
SOIL	Organic carbon	200	-	500	500
	Available/total N	200		500	500
	Available/total P	200		500	500
	Available/total K	200		500	500
	Available/total Ca	200		500	500
	Available/total Mg	200		500	500
	Available/total S	200		500	500
	Available/total micronutrients (Fe, Mn, Zn and Cu) per element	200		500	500
Plant	Total N	200	-	500	500
	Total P	200		500	500
	Total K	200		500	500
	Total Ca	200		500	500
	Total Mg	200		500	500
	Total S	200		500	500
	Total micronutrients (Fe, Mn, Zn and Cu) per element	200		500	500
Water	Ca, Mg, Na, K (per parameter)	200		500	500

Analysis on FTIR

SAMPLE TYPE	CHARGES PER SAMPLE
Solid/liquid	1000

Analysis on TOC ANALYZER

SAMPLE TYPE	CHARGES PER SAMPLE
Soil/plant	1000

Analysis on HPLC

SAMPLE TYPE	CHARGES PER SAMPLE
Soil/plant	1000

Note: The Laboratory will accept samples at the **post-processing stage only except FTIR and TOC analyzer**