

Test Facilities

Different parameters of **Soil, Water, Organic Fertilizer or Compost, Plant Material, Air** can be determined in the laboratory:

Sl. No	Parameters	Soil	Organic Fertilizer or Compost	Plant Material	Water	Air
1	pH	√	√	√	√	-----
2	Organic Carbon (C)	√	√	√	-----	-----
3	Organic Matter	√	√	√	-----	-----
4	Total Nitrogen (N)	√	√	√	√	-----
5	Phosphorus (P)	√	√	√	√	-----
6	Potassium (K)	√	√	√	√	-----
7	Sodium (Na)	√	√	√	√	-----
8	Sulfur (S)	√	√	√	√	-----
9	Boron (B)	√	√	√	√	-----
10	Calcium (Ca)	√	√	√	√	-----
11	Magnesium (Mg)	√	√	√	√	-----
12	Sulfate Ion (SO ₄ ²⁻)	√	√	√	√	-----
13	Nitrate Ion (NO ₃ ⁻)	√	√	√	√	-----
14	Chloride Ion (Cl ⁻)	-----	-----	-----	√	-----
15	Methane gas (CH ₄)	√	√	-----	-----	-----
16	Carbon-di-Oxide gas (CO ₂)	√	√	-----	-----	-----
17	Oxygen gas (O ₂)	√	√	-----	-----	-----
18	Dissolved Oxygen (DO)	-----	-----	-----	√	-----
19	Biological Oxygen Demand (BOD)	-----	-----	-----	√	-----
20	Chemical Oxygen Demand	-----	-----	-----	√	-----

	(COD)					
21	Turbidity	-----	-----	-----	√	-----
22	Total Dissolved Solids	-----	-----	-----	√	-----
23	Total Solids	-----	-----	-----	√	-----
24	Suspended Solids	-----	-----	-----	√	-----
25	Moisture Content	√	√	√	-----	-----
26	Humidity	-----	-----	-----	-----	√
27	Noise Level	-----	-----	-----	-----	√
28	Light Level	-----	-----	-----	-----	√
29	Copper(Cu)	√	√	√	√	-----
30	Nickel(Ni)	√	√	√	√	-----
31	Cadmium(Cd)	√	√	√	√	-----
32	Lead(Pb)	√	√	√	√	-----
33	Chromium(Cr)	√	√	√	√	-----
34	Iron (Fe)	√	√	√	√	-----
35	Manganese (Mn)	√	√	√	√	----- -
36	Zinc (Zn)	√	√	√	√	----- -
37	Temperature	√	√	√	√	