

# Food & Water Testing Lab

## Proposed Analysis Charges for Water Samples

Sl. No.	Parameters	Proposed Charges Testing Charge Per Sample (Rs.)	
		Domestic	Non- Domestic
1	<p><b>Water Sample – Basic Water Test (5 days)</b> Testing of physical and chemical parameters – pH, TDS ( By Probe), Total Hardness, Colour, Odor, Conductivity, Resistivity, Salinity, Turbidity, Alkalinity, <b>Iron</b>  Microbial Analysis- MPN method, Confirmation test of Coliforms and Fecal Coliform</p>	800	1000
2	<p><b>Portability Test - Package – ( 3 Days) - As per IS 10500</b> Testing of physical and chemical parameters pH, TDS, Total Hardness, Colour, Conductivity, Turbidity, Alkalinity, Iron Microbial Analysis- <b>Filtration Method</b>, Test of Coliforms and E. coli.</p>	1000	1500
3	<p><b>Special Package – Commercial licensing ( 3 Days) - As per IS 10500</b> Testing of physical and chemical parameters pH, TDS, Total Hardness, Colour, Conductivity, Turbidity, Alkalinity, Iron, <b>Chloride, Nitrate</b> Microbial Analysis- Filtration Method, Test of Coliforms and E. coli.</p>	1300	1800
3	<p><b>Special Package – Commercial licensing ( 3 Days) - As per IS 10500</b> Testing of physical and chemical parameters pH, TDS, Total Hardness, Colour, Conductivity, Turbidity, Alkalinity, Iron, <b>Chloride, Nitrate, Calcium, Magnesium</b> Microbial Analysis- Filtration Method, Test of Coliforms and E. coli.</p>	1500	2000
4	<p><b>Detailed water testing/ Packaged Drinking Water- As per IS 14543:2016</b> Testing of physical and chemical parameters – pH, TDS, Total Hardness, Colour, Odor, Conductivity, Resistivity, Salinity, Turbidity, Alkalinity, Iron, <b>Calcium, Magnesium, Chloride,</b></p>	2800	3000

	<b>Nitrate, Fluoride, Residual Chlorine</b> Microbiological Requirements: <b>Total Plate count</b> , Total coliforms, Escherichia coli (Filtration Method)		
5	<b>Water sample :</b> Microbial Analysis ( <b>MPN Method</b> ) Test of Coliforms and Fecal Coliform.	400	400
6	<b>Water sample :</b> Microbial Analysis ( <b>Filtration Method</b> ) Total Plate count, Test of Coliforms and E.coli.	600	600
7	<b>Water Sample – Testing of physical and chemical parameters:</b> pH, TDS, Total Hardness, Colour, Odor, Conductivity, Resistivity, Salinity, Turbidity, Alkalinity, Iron	600	800
8	<b>Physio-Chemical Parameters</b> <b>Water Sample – Portability Test - As per IS 10500</b> pH, TDS, Total Hardness, Colour, Odor, Conductivity, Resistivity, Salinity, Turbidity, Alkalinity, Iron, <b>Chloride, Nitrate, Calcium, Magnesium, Sulphate, Fluoride,</b>	2000	2200
9	Water sample- <b>Construction purpose – IS 456:2000</b> pH, TDS, Inorganic and Organic solids, Alkalinity/ Acidity, Hardness, Chloride and Sulphate.	1500	1500
10	<b>STP/ETP Water</b> pH, TDS, Alkalinity/Acidity, Oil and Grease, Total Suspended Solids, DO, BOD, COD,	3500	3500
11	<b>Water sample - Basic parameters:</b>		
	pH	150	200
	Conductivity	150	200
	Resistivity,	150	200

	Odor,	150	200
	Turbidity,	150	200
	TDS (probe)	150	200
	TDS	300	400
	Colour, potassium tetrachlorate method	300	400
	Total Hardness	300	400
	Alkalinity	200	300
	Acidity	300	400
	Carbonates and Bicarbonates	400	500
	Calcium	200	300
	Total Suspended Solids	500	600
	Sulphate	200	300
	Chloride	300	400
	Nitrate	200	300
	Nitrite	300	400
	Iron (Ferrous)	200	300
	Residual chlorine	200	300

	DO	400	500
	BOD	600	800
	COD	600	800
	Phosphate	400	500
	Ammonia	400	500
	Fluoride (SPANDS Method )	500	600
	Magnesium ( Calculation from Hardness)	300	400
	Organic/Inorganic Matter	500	600
	Total Volatile Solids	500	600
12	<b>Water sample: ICP MS Analysis</b> Heavy metals: Cadmium, Copper, Arsenic, Lead, Manganese, Selenium, Chromium, Mercury etc,	Initial Element: 800/- per sample Additional elements: 120/- per element per sample.	Initial Element: 1800/- per sample Additional elements: 360/- per element per sample
13	Water sample- Sample preparation for ICP MS analysis	300	300
14	Oil and Grease	600	800
15	Total Kjeldahl Nitrogen – water	1200	1200
16	Ammoniacal Nitrogen (Kjeldahl method)- water	1000	1000
17	Organic Nitrogen (Kjeldahl method)-water	1400	1400

18	Total Kjeldahl Nitrogen / Protein - Food	1500	1500
19	Ammoniacal Nitrogen (Kjeldahl method)- food	1200	1200
20	Ion Chromatography per Ion Rs. 300/- (Fluoride, Chloride, Nitrite, Nitrate, Phosphate, Sulphate etc.)	Minimum charges Rs. 1000/-	Minimum charges Rs. 1000/-
	Ion Chromatography - Sample preparation charges	100	100
22	Ammonia	800	800
23	FPM – Minerals analysis Na/K/Ca	200	200
	FPM Sample digestion	300	300
24	HPLC Analysis- Aflatoxin (B1,B2,G1 & G2)	3500	3500
	HPLC Analysis- Sample Extraction charges	Rs.300 to 1000	Rs. 300 to 1000
<b>25</b>	<b>Total Microbial Analysis – Water</b>	<b>2400</b>	<b>2400</b>
26	Total Plate Count	200.0	200.0
27	Total Coli forms /E.coli Screening	600.0	600.0
28	Salmonella sp .Screening	1000.0	1000.0
29	Staphylococcus sp. Screening	600.0	600.0
30	Vibrio cholera Screening	800.0	800.0
<b>31</b>	<b>Total Microbial Analysis - Food</b>	<b>3600.0</b>	<b>3600.0</b>

32	Total Plate Count	400.0	400.0
33	Total Coli forms	400.0	500.0
34	E.coli Screening	600.0	600.0
35	Salmonella sp .Screening	1000.0	1000.0
36	Staphylococcus sp. Screening	700.0	700.0
37	Vibrio cholera Screening	800.0	800.0
	<b>Other Microbial Analysis</b>		
38	Clostridium sp Screening	1000.0	1000.0
39	Yeast & Mould Count	600.0	600.0
40	Antimicrobial Activity	600.0	600.0