



# भा.कृ.अनु.प.- केन्द्रीय मात्स्यिकी शिक्षा संस्थान ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION

(A University Established Under Sec. 3 of UGC Act 1956)  
Ministry of Agriculture & Farmers Welfare,  
Govt. of India.



## Charges for analytical/testing services Analysis of Water Quality Parameters

Sl. No.	Details of tests/services	Rate in INR per sample	
		Farmers/Govt. Institutions	Private Industry
1.	pH	100	250
2.	Electrical Conductivity	100	300
3.	Turbidity	100	300
4.	Salinity	100	300
5.	Transparency	100	300
6.	Chlorides	200	500
7.	Dissolved Oxygen	200	500
8.	Alkalinity (Total, Carbonate, Bicarbonate)	200	500
9.	Solids (Total, Dissolved, Suspended)	250	500
10.	Dissolved free carbon dioxide	100	200
11.	Chemical Oxygen Demand (COD)	400	600
12.	Biochemical Oxygen Demand (BOD)	400	600
13.	Total Hardness	200	500
14.	Total Ammonia-N	200	500
15.	Nitrate-N	200	500
16.	Nitrite-N	200	500
17.	Phosphate-P (PO <sub>4</sub> -P)	200	500
18.	Silicate	300	500
19.	Residual Chlorine	250	500
20.	Iron	300	500
21.	Plankton (Total)	500	500
22.	Sodium	500	500
23.	Potassium	500	500
24.	Calcium	500	500
25.	Chlorophyll	500	500
<b>Analysis of Soil Parameters</b>			
1.	pH	100	250
2.	EC	100	300
3.	Texture (sand, silt & clay)	200	500
4.	Water retention capacity	150	300
5.	Available Organic carbon	200	500
6.	Organic matter	200	500
7.	Available Nitrogen	400	600
8.	Available Phosphorus	400	600
9.	Available Potassium & Sodium	400	600
10.	Total Nitrogen	500	700

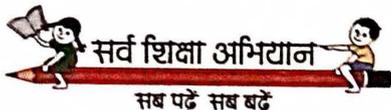
GST @18% as applicable will be charged extra

पंच मार्ग, ऑफ यारी रोड, वरसोवा, अंधेरी (प), मुंबई - ४०० ०६१. (भारत)  
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Fax : 022-26361573

Website : [www.cife.edu.in](http://www.cife.edu.in)



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11.	Total Carbon	500	700
12.	Total Sulphur	500	700
13.	C:N ratio in (Soil, leaf , fish, feed etc)	600	800

#### Microbiological/Pathogen testing of farmed fish and shrimp

Sl.No.	Details of tests/services	Rate in INR per sample	
		Farmers/Govt. Institutions	Private industry
1.	PCR testing (one sample)	700	1000
2.	Phenotypic characterization of bacteria	4000	6000
3.	Aerobic plate count of water/ fish sample	200	500
4.	Microbiological testing and analysis of moribund fish/shrimp samples	1000	1500
5.	Antibiotic susceptibility testing	300	500
6.	Hemolytic assay	250	250
7.	Analysis of histopathological changes in fish tissues (including sample processing)	1000	1000
8.	Supply of positive control DNA and PCR primers for <i>Flavobacterium columnare</i> , <i>Edwardsiella tarda</i> , <i>Aeromonas</i> sp., Tilapia lake virus, WSSV.	2000	2000 (10 reaction kit)
9.	Production of hyperimmune sera (Polyclonal antibody)	25,000	25,000

#### Biochemical/Microbiological testing of fresh & processed fish samples, feed etc

Sl.No.	Details of the test/service	Rate in INR per sample	
		Farmer/Govt. Institutions	Private Industry
1.	Moisture	300	500
2.	Fat	300	500
3.	Total ash	300	500
4.	Acid insoluble ash	300	500
5.	Gross energy	300	500

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6.	Crude fibre and nitrogen-free extract	250	400
7.	Protein (Kjeldahl method)	500	700
8.	Colour analysis (Hunter colorimeter)	250	400
9.	Solubility	200	300
10.	Total Volatile Base Nitrogen (TVBN)	400	600
11.	Peroxide Value (PV)	500	700
12.	TBARS	500	1000
13.	Free fatty acids (FFA)	500	700
14.	Fatty acid composition by GC MS	5000	7000
15.	Texture Analysis	1500	2000
16.	Total Phenolics	700	1000
17.	Total Flavanoids	700	1000
18.	Antioxidant activity by DPPH	700	1000
19.	Antioxidant activity by FRAP	700	1000
20.	Reducing power activity	700	1000
21.	Total Plate count	500	1000
22.	Water testing for potability	7000	1000
23.	Vibrio counts of water	300	500
24.	*Pathogen detection by PCR ( <i>E. coli</i> , <i>Salmonella</i> , <i>Listeria</i> , <i>Staphylococcus</i> , <i>Vibrio spp.</i> , <i>Arcobacter</i> etc)	700	1000 (per bacterial culture)
25.	Bacterial pathogen detection in food samples by PCR	1000	1500
26.	PCR detection of Norovirus in foods	1000	1500
27.	Sanitary testing of fish processing plants	-	10,000
28.	Real-Time PCR for pathogens	1000	1500 (per bacterial culture)
29.	Antimicrobial activity of extracts/chemicals	700	1000
30.	Antibiogram of bacterial cultures	300	500(per bacterial culture)
31.	Gel strength	500	750
32.	Degree of Deacetylation	700	1000
33.	Rheology-Temperature sweep (Storage modulus, loss modulus, Tan $\delta$ , viscosity, elasticity)	5000	7000
34.	Rheology Time sweep(Viscosity)	4000	5000
35.	Amino acid analysis	5000	8000

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\*For pure cultures

In case of any enquiry kindly contact  
**ICAR-Central Institute of Fisheries Education**  
 (University under Sec. 3 of UGC Act),  
 Indian Council of Agricultural Research  
 Panch Marg, Off Yari Road,  
 Versova, Andheri (West),  
 Mumbai 400061  
 Number: 1912226361446/7/8



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## Proforma for the analytical/testing services of ICAR-CIFE, Mumbai

- 1) Name of the person/farmer/body:
- 2) Complete address:
- 3) Contact Number:
- 4) Mail Id:
- 5) Type/nature of sample for analysis:
- 6) No. of sample:
- 7) Payment details (With additional 18% GST):
- 8) ID proof details including Id no:

*Bank details of the ICAR-CIFE, Mumbai*

*Name: ICAR Unit CIFE Mumbai*

*Bank: SBI, Account No: 10132355212*

*IFSC code: SBIN0003117*

For Office Use

1. Payment confirmation by the Audit and Account Section:
2. Invoice No & date:

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