



CSIR - Institute of Minerals and Materials Technology
(Council of Scientific and Industrial Research)
Bhubaneswar-751013, Odisha, India
Environmental Biology Laboratory (EBL)
Environment & Sustainability Department
Test Report

Date: 21.11.2023

Customer name & address:

S.O. (E) Civil, NISER, BBSR

Ref. no.:

Dear Customer,

Your sample code is NABL/EBL/10196. Please find attached the test report no. ULR-TC819521000000000181/EBL11/23-5 for the microbiological examination of the water samples submitted by you.

Thank you.

Best wishes,


(Dr. N.C.Rout)

E&S, Department



CSIR - Institute of Minerals and Materials Technology
(Council of Scientific and Industrial Research)
Bhubaneswar-751013, Odisha, India
Environmental Biology Laboratory (EBL)
Environment & Sustainability Department


Test Report

Sample code: <u>NABL/EBL/10196</u>	Test report Date: 21.11.2023
Test Report No.: <u>ULR-TC819521000000000181/EBL11/23-5</u>	
Source of Sample (provided by the customer): Water works	Sample condition: Satisfactory
Date of Sampling (provided by the customer): 31.10.2023	Sample Received on: 31.10.2023
Type of Sample: Potable water	Sample analysis started on: 01.11.2023

Sl. No.	Test/Parameter	Test Method	Requirements as per IS 10500:2012 (RA 2018)		Test Result with units of measurement	Statement of Conformity
			Acceptable limit	Permissible Limit		
1.	E.coli by Membrane filtration	IS 1622 RA 2019	Shall not be detect in 100ml sample	No relaxation	Absent 100 ml	Conformance
2.	Total coliform by MPN	IS 1622 RA 2019	Shall not be detect in 100ml sample	No relaxation	<2 MPN/100mL	Conformance
3.	Fecal coliform by MPN	IS 1622 RA 2019	Shall not be detect in 100ml sample	No relaxation	<2 MPN/100 mL	Conformance

End of test report

Authorized Signatory


Dr. Sony Pandey 21.11.23
(Principal Scientist, E&S Department)

Quality Manager

Environmental Biology Lab
Lab, E&S Dept.

Notes:

1. The test report relates only to the items tested.
2. The sample is drawn by the customer, hence EBL is not responsible for any errors arising out of faulty sample withdrawal, handling or container.
3. Sterile containers and aseptic handling of samples during collection and transport is necessary for correct results. EBL is not responsible for mistakes on the part of customers.
4. The decision rule is inherent in the standard as the acceptable and permissible limits are pre-defined.

Contact: Head, Environment & Sustainability Department at Tel: 91-674-2379411/2379271/2379242, Mobile: 9437460626/9437290470/9337733311, email: head.es@immt.res.in, Website: www.immt.res.in

ULR-TC819521000000000181/EBL11/23-5

Doc No. QR26

Page 2 of 3



CSIR - Institute of Minerals and Materials Technology
(Council of Scientific and Industrial Research)
Bhubaneswar-751013, Odisha, India
Environmental Biology Laboratory (EBL)
Environment & Sustainability Department

Test Report

5. *The report should not be interpreted in part, or reproduced wholly, or in part without prior consent of the laboratory.*
6. *This report should not be used for advertisement, and as a certificate or as evidence in the court of law without prior consent of the laboratory.*
7. *The report is for information purpose relating only to the characteristics mentioned in this report, it cannot be extrapolated for any other purpose without involving EBL.*
8. *The report cannot be compared to the reports submitted by other labs unless the sample collection, transportation and test methods used by different labs is mutually agreed.*
9. *Latest version of the test method used in conformity to the Drinking water specifications by BIS.*

CSIR-INDIA

Environmental Biology Laboratory (EBL)
Environment & Sustainability Department