

Jal Jeevan Mission

Har Ghar Jal



District Water Testing Laboratory RWSS, Deogarh

District Water Testing Laboratory RWS&S Division, Deogarh At-College Road, Near ITI College, PO- Purunagarh (Deogarh) Dist- Deogarh, Pin- 768119 (Test Address only)

Test report

Sample
Id:

U881747523919864

User Information

Name:

Notre Dame Academy

Mobile:

7205360725

Email:

ndadecgarh@gmail.com

Pin
Code:

768108

Full
Address:

Village- Sunamunda, Gram Panchayat- Baniakilinda, Block- Tileibani, District- DEOGARH, State- Odisha

Sample description

Source
of
Sample:

NOTRE DAME ACADEMY CAMPUS

Village:

Sunamunda

Gram
Panchayat:

Baniakilinda

Block:

Tileibani

District:

DEOGARH

State:

Odisha

Address:

Remarks:

PRINCIPAL NOTRE DAME ACADEMY

Latitude:

Longitude:

Date & time of sample collection

21.10.2024 | 12:58:00 PM

Date & time of sample received in lab

22.10.2024 | 10:50:00 AM

Date & time of sample analysed

22.10.2024 | 03:40:00 PM

Date & time of report generation

24.10.2024 | 04:49:47 PM

Test results

S. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Method of Analysis	Remarks
1	Calcium (as Ca)*	mg/l	75	200	22.450	Calculation by APHA	
2	Chloride (as Cl)	mg/l	250	1000	24.000	Argentometric method	
3	Colour*	Hazen units	5	15	0.000	Colour	
4	Conductivity*	micromhos per centimeter / microsiemens per centimeter	NA	NA	241.600	Instrumental method	
5	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	Enzyme substrate method	
6	Fluoride (as F)	mg/l	1	1.5	0.346	Ion selective electrode method	
7	Iron (As Fe)*	mg/l	1	No Relaxation	0.149	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
8	Magnesium (As Mg)*	mg/l	30	100	7.290	Calculation by APHA	
9	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.003	Ion selective electrode method	
10	pH*	NA	6.5-8.5	No Relaxation	7.170	Electrometric method	
11	TDS*	mg/l	500	2000	158.000	Instrumental method	
12	Temperature*	NA	NA	NA	24.900	Temperature	
13	Total Alkalinity (as Calcium Carbonate)	mg/l	200	600	102.000	Titration method	
14	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	Enzyme substrate method	
15	Total Hardness (As CaCO ₃)*	mg/l	200	600	86.000	EDTA Titrimetric method	
16	Turbidity*	NTU	1	5	0.300	Nephelometric method	

Note:

1)*Indicates parameters that are NABL accredited.

- 2) This test results related to the sample tested above
- 3) The report shall not to be reproduced in full without approval of authority
- 4) This is the end of the report

Data prepared by

Chemist: (Sitakanta kar)

Microbiologist: (Sitakanta kar)


Authorised signatory

Laxmi Prasad Panigrahi (Test Lab Incharge)

Laboratory Incharge
DWTL, DEOGARH

*****This is an electronically generated report and does not require a signature.*****

Jal Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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