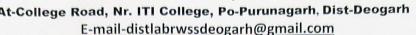


# DISTRICT WATER TESTING LABORATORY RWS&S DIVISION, DEOGARH





Letter no- 15

Date-24.04.2025

To

The Principal, Ekalavya Model Residential School, KALAMATI

Sub:- Test Report of Water Sample.

Ref:- Your letter No- 834 / Dt .16.04.2025

Sir,

The test report of the water sample sent to this Laboratory for testing of chemical & Bacteriological Parameters Analysis is enclosed herewith for your kind information and necessary action.

Encl:-As above

Yours faithfully,

Laboratory Incharge District Water Testing Laboratory RWS&S Division, Deogarh

> Laboratory Incharge DWTL,DEOGARH

# Jal Jeevan Mission



(Martine)

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

#### Test report

Sample Id:

U2589598528376167

Pin Code

## **User Information**

EKALAVYA MODEL RESIDENTIAL SCHOOL PRINCIPAL DOMAN EKKA Mobile

7008415769

emrstileibani2019@gmail.com

Email

768108

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

# Sample description

Source of Sample: EKALAVYA MODEL RESIDENTIAL SCHOOL Village: Kalamati Gram Panchayat Baniakilinda Tileibani District: DEOGARH Odisha Address: EKALAVYA MODEL RESIDENTIAL SCHOOL Latitude Longitude:

Date & time of sample collection

17.04.2025 | 08;40:00 AM

Date & time of sample received in lab

23.04.2025 | 08:00:00 AM

Date & time of sample analysed

24.04.2025 | 12:50:00 PM

Date & time of report generation

24.04.2025 | 12:52:25 PM

### Test results

			Requirement (acceptable limit) at per 81. Tason	Permissible limit (m absence of alternate source) as par BIS 20500	Test result value	
1	Calcium (as Ca)*	mg/I	75	200	61,720	Calculation by APHA
2	Chloride (as CI)*	mg/l	250	1000	26.000	Argentometric method
3	Colour*	Hazen units	5	15	0.000	Colour

	Paramèters tested	Unit of measuroment	Regidirement (accuptable lingur as pgc BB 203144	Permissible limb (m absence of Philippiness by print of Philips to an	Test result.	Method of Analysis
4	Conductivity*	micromhos per centimeter / microsiemens per centimeter	NA	NA	448.000	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/I	1	1,5	0.200	Ion selective electrode method
7	Iron (As Fe)*	mg/I	1	No Relaxation	0.094	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method
8	Magnesium (As Mg)*	mg/I	30	100	19.930	Calculation by APHA
9	Nitrate (as NO3)	mg/I	45	No Relaxation	0.001	Ion selective electrode method
10	рН*	NA	6.5-8.5	No Relaxation	6.790	Electrometric method
11	TDS*	mg/I	500	2000	291.000	Instrumental method
12	Temperature*	NA	NA	NA	24.800	Temperature
13	Total Alkalinity (as Calcium Carbonate)*	mg/I	200	600	268.000	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 CaCO3)*	mg/I	200	600	236.000	EDTA Titrimetric method
16	Turbidity*	NTU	1	5	0.440	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)

Laxmi Prasad Panigrahi (Test Lab Incharge)

Laboratory Incharge DWTL, DEOGARH

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

# CERTIFICATE FOR SAFE DRINKING WATER AND SANITARY CONDITION EKALAVYA MODEL RESIDENTIAL SCHOOL, KALAMATI, TILEIBANI, DEOGARH

Letter No.

17.

Date. 29.04.25

Certified that an inspection team headed by Assistant Engineer, RWS&S Section, Tileibani, Deogarh RWS&S Division, Deogarh. inspected the Ekalavya Model Residential School, Kalamati, Tileibani, Deogarh. on 29.04.25 and found that Ekalavya Model Residential School, Kalamati, Tileibani, Deogarh has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building and the campus as per the norms prescribe by the central/state/U.T. GOVT.

The above valid for a period of **One Year**.

Signature wit V.S. & S. Section

Name:

Designation: 415 istant Engineer.

To

Ekalavya Model Residential School

At: Kalamati, Deogarh

Dist: Deogarh

(Name & Address of the Institution)