

DISTRICT WATER TESTING LABORATORY

RWS&S DIVISION, KORAPUT

Email.rwssdilkpr@gmail.com



TEST REPORT



MC-4440

Test Report No. DWTL – TR-278/ 2025

Date of Issue :- 10.02.2025

ULR – TC111001700001700G

Sample Particulars		Details of Sampling	
Name of Customer :-	Royal International School,Odisha	Type of Source:-	Drinking Water
		Date of Sampling:-	08.02.2025
Sample Package Condition:- a)Quality of Sample Received – 1000ml b)Type of Container :- c)Sealed / Unsealed : Sealed		Sample receive date/Time:-	09.02.2025 (9.45AM)
		Sample Registration Date:-	09.02.2025
		Sampling Protocol:-	Samples are not collected by this Laboratory.
		Sample Collected by:-	Jigyanshu Subudhi
		Sample Location:-	Anata ,Odisha
Test Start Date :		09.02.2025	Test End Date : 09.02.2025
Testing Protocol :			As per APHA

TEST RESULT

Sl. No.	Test Parameters	Units	Results	Requirements		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	Temperture*	°C	25.1	25.0	23 - 27	Instrumental Method
2	Colour*	CU	1	5 CU	15 CU	Visual Comparison Method (APHA, 23rd Ed – 2120 B)
3	Odour*		Agreeable	Agreeable	Agreeable	Observation Method (APHA, 23rd Ed – 2150 B)
4	Taste*		Agreeable	Agreeable	Agreeable	Observation Method (APHA, 23rd Ed – 2160 B)
5	pH	pH Unit	6.83	6.5 to 8.5	No relaxation	Electrometric Method (APHA 23rd Ed 4500-H+B)
6	Turbidity	NTU	0.57	1.0	5	Nephelometric Method, (APHA 23rd Ed – 2130 B)
7	Conductivity	µS/cm	78		1000	Laboratory Method (APHA 23rd Ed – 2510 B)

	TDS*	Mg/L	50.7	500.0	2000	Calculation Method,
	Chloride	Mg/L	18	250.0	1000	Argentometric Method(APHA 23rd Ed 4500 – Cl- B)
10	Total Alkalinity(as Ca CO ₃)	Mg/L	32	200.0	600	Titration Method(APHA 23rd Ed - 2320 B)
11	Iron	Mg/L	0.183	1.0	No relaxation	Phenanthroline Method(APHA 23rd Ed 3500-Fe B)
12	Fluoride*	Mg/L	0.158	1.0	1.5	SPADNS Method(APHA 23rd Ed 4500-F--D)
13	Total Hardness(as CaCO ₃)	Mg/L	38	200.0	600	EDTA Titrimetric Method (APHA 23rd Ed 2340 C)
14	Calcium *(as Ca)	Mg/L	7.2	75.0	200	EDTA Titrimetric Method(APHA 23rd Ed – 3500)
15	Magnesium* (as Mg)	Mg/L	4.86	30.0	100	Calculation Method(APHA 23rd Ed - 3500 Mg B)
16	Bacteriological*(Total Coliform)	MPN / 100ml	0	0.0	No relaxation	Enzyme Substrate Method
17	Free Residual Chlorine*	Mg/L	0	0.2	No relaxation	Iodometric Method(APHA 23rd Ed - 4500 Cl B)

Note:- Unless otherwise stated the results shown in this test report refer only to the samples tested and such samples are retain for 30 days from date of issue of report. This report shall not be reported except in full without prior written approval of the District water testing laboratory, Koraput.
This Certificate is valid for 1 year from the date of issue.

*The parameters are not accredited by NANL

[Signature]
Laboratory Chemist
 Sub- Division Water Testing Laboratory
 RWS&S, Sub- Division, Koraput

Declaration:- Results are based on the given Sample.

.....End of Report