

DISTRICT WATER TESTING LABORATORY R.W.S.&S. DIVISION, BALASORE

TEL NO. 06782-262249, E-MAIL : distwtlabbls@gmail.com

WATER ANALYSIS REPORT

Test Report No. DWTL/ BLS/2024-25/265, Date- 29.03.2025

Sample Particulars	Details of Sampling
Name of the Customer :-	Type of Source :- Ground Water (Borewell)
PM SHRI Kendriya Vidyalaya No.1, I.G. Marg, Proof Colony, Balasore	Sample receive date vide letter No. Date-17.03.2025, Letter No- 654 Sample Registration date :-20.03.2025
Sample Package Condition :-	Sampling Protocol:- Sample is not collected by this laboratory.
Quantity of Sample Received :- Approx. 1000 ml	Sample Collected By :- Staff of PM SHRI Kendriya Vidyalaya No.1 Sample Location :- PM SHRI Kendriya Vidyalaya No.1, I.G. Marg, Proof Colony, Balasore

TEST RESULT

Test Started on- 20.03.2025

Test completed on-21.03.2025

Sl.	Name of the Parameters	Units	Results obtained	Requirements IS 10500 : 2012		
				Acceptable Limit	Permissible Limit in absence of alternate source	Test Method
1	Colour	Hazen Unit	1	5	15	APHA 23rd Ed. 2120 B (Visual Comparison Method)-2017
2	Odour	.....	Agreeable	Agreeable	Agreeable	APHA 23rd Ed. 2150 B (Threshold Odour Test)-2017
3	pH	.....	7.52	6.5-8.5	No relaxation	APHA 23rd Ed. 4500 H ⁺ B (Electrometric Method)-2017
4	Turbidity	NTU	0.13	1.0	5.0	(APHA 23rd Ed. 2130 B) (Nephelometric Method)-2017
5	Electrical Conductivity (EC)	µS/cm	331	.....	.....	APHA 23rd Ed. 2510 B (Laboratory Method)-2017
6	TDS	mg/l	215	500	2000	Instrumental Method by EC/ TDS meter
7	Iron (as Fe)	mg/l	0.044	1.0	No relaxation	APHA 23rd Ed. 3500 Fe B (Phenanthroline Method)-2017
8	Fluoride (as F ⁻)	mg/l	0.617	1.0	1.5	APHA 23rd Ed. 4500 F - C (Ion - Selective Electrode Method)-2017
9	Chloride (as Cl)	mg/l	26.0	250	1000	APHA 23rd Ed. 4500 Cl B (Argentometric Method)-2017
10	Total Alkalinity as CaCO ₃	mg/l	204.0	200	600	APHA 23rd Ed. 2320 B (Titration Method)-2017
11	Total Hardness as CaCO ₃	mg/l	172.0	200	600	APHA 23rd Ed. 2340 C (EDTA Titrimetric Method)-2017
12	Total Coliform	MPN/ 100ml	0	Shall not be detectable in any 100ml samples	Shall not be detectable in any 100ml samples	Coliort-18/IDEXX- Quanti Tray Enzyme Substrate Test (APHA 23rd Ed. 9223- Cl-B)
13	E-Coli	MPN/ 100ml	0	Shall not be detectable in any 100ml samples	Shall not be detectable in any 100ml samples	Coliort-18/IDEXX- Quanti Tray Enzyme Substrate Test (APHA 23rd Ed. 9223- Cl-B)

Note- As per above parameters tested water sample is potable.

Information on Test Report:

Results relates only to samples received in the Laboratory.

The test report shall not be reproduced except in full without written approval of DWTLB.

#APHA - American Public Health Association

Beit
29/03/25
Laboratory Chemist
District Water Testing Laboratory
RWS & S Division, Balasore

.....End of Report.....