



District Level Water Testing Laboratory, Chatra
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Test Report

Report No:	U696373S27282595	Issue Date- 27-02-2025
Issued To: (Name & Address of Customer)	D.A.V. PUBLIC SCHOOL, NTPC, NORTH KARANPURA, TANDWA, CHATRA JHARKHAND 825103	Group: Drinking Water Discipline: Chemical
Date of Start Analysis :	20-02-2025	Sampling: Not done by laboratory Sample Received : 20-02-2025
Date of Completion Analysis :	22-02-2025	Environmental Condition of laboratory Temperature: 23 °C Humidity: 42 %

Sl. No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH at 25°C	-	7.51	APHA 23 rd Edition 2017-4500-H ⁺ B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	0.00	APHA-23 rd Edition 2017-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	70	APHA 23 rd Ed. 2017-2540 C, (Total Dissolved Solids Dried at 180°C)	500	2000
4	Total Hardness as CaCO ₃	mg/L	68	APHA-23 rd Edition 2017-2340-C (EDTA Titrimetric method)	200	600
5	Total Alkalinity as CaCO ₃	mg/L	52	APHA-23 rd Edition 2017-2320-B, (Titration Method)	200	600
6	Calcium as Ca ⁺	mg/L	17.63	APHA-23 rd Edition 2017-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg ⁺	mg/L	5.83	APHA-23 rd Edition 2017-3500-Mg-B, (Calculation Method)	30	100
8	Fluoride as F	mg/L	0.00	APHA 23 rd Ed. 2017-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
9	Colour	HU	5	Visual comparison	5	15
10	Odour	-	Agreeable	Observation	Agreeable	Agreeable

Notes: -

- ♦ The results listed refer only to the tested sample and applicable parameters.
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- ♦ This report cannot be reproduced, except when in full, without the written permission of the Lab In-charge
- ♦ All disputes are subjected to the Chatra Jurisdiction.
- ♦ BDL=Below Detection Limit.

(Signature)
Executive Engineer
D. W. & S. Divi, Chatra

-End of the Report-

(Signature)
Chemist
CHEMIST

D.W.&S. Division, Chatra

Principal

DAV Public School
NTPC North Karanpura

(Signature)
Manager

DAV Public School
NTPC North Karanpura