



**District Level Water Testing Laboratory, Chatra**  
**Jathrahi Bagh, PHED Office,**  
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TC-11132

**Test Report**

<b>Report No:</b>	2302/TAN/414	<b>Issue Date-</b> 23-02-2024
<b>Issued To:</b> (Name & Address of Customer)	<b>D.A.V. PUBLIC SCHOOL,NTPC,NORTH KARANPURA, TÁNDWA, CHATRA JHARKHAND 825103</b>	<b>Group: Drinking Water</b>  <b>Discipline: Chemical</b>
<b>Date of Start Analysis :</b>	23-02-2024	<b>Sampling: Not done by laboratory</b>  <b>Sample Received : 23-02-2024</b>
<b>Date of Completion Analysis :</b>	23-02-2024	<b>Environmental Condition of laboratory Temperature: 23 °C Humidity: 42 %</b>

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	-	7.21	APHA 23 <sup>rd</sup> Edition 2017-4500-H <sup>+</sup> B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	0.12	APHA-23 <sup>rd</sup> Edition 2017-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	33	APHA 23 <sup>rd</sup> Ed.2017-2540 C, (Total Dissolved Solids Dried at 180°C)	500	2000
4	Total Hardness as CaCO <sub>3</sub>	mg/L	32	APHA-23 <sup>rd</sup> Edition 2017-2340-C (EDTA Titrimetric method)	200	600
5	Total Alkalinity as CaCO <sub>3</sub>	mg/L	24	APHA-23 <sup>rd</sup> Edition 2017-2320-B, (Titration Method)	200	600
6	Calcium as Ca <sup>+</sup>	mg/L	8.01	APHA-23 <sup>rd</sup> Edition 2017-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg <sup>+</sup>	mg/L	2.91	APHA-23 <sup>rd</sup> Edition 2017-3500-Mg-B, (Calculation Method)	30	100
8	Fluoride as F	mg/L	0.50	APHA 23 <sup>rd</sup> Ed.2017-4500 F <sup>-</sup> 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.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ 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.

*[Handwritten Signature]*

**Principal**  
**DAV Public School**  
**NTPC North Karanpura**

-End of the Report-

*Nimal*  
 23-2-24  
**Chemist**  
**CHEMIST**  
 D.W.&S. Division, Chatra

*[Handwritten Signature]*  
**Manager**  
**DAV Public School**  
**NTPC North Karanpura**