



State Level Water Testing Laboratory, Ranchi, Jharkhand

	TEST ANALYSIS REPORT	Doc No.: SLWTL-QP-4-F31 Issue No.: 01 Revision No.: 01 Date :18.02.2022	 TC-18212
---	-----------------------------	--	---

Issued to:- The Principal, S.R. DAV Public School, Pundag, Ranchi-834004.	Sample Code:- 250528-DW-A-001 ULR NO. :- TC152122500000275F(A) Date of Issue:- 03/06/2025 Customer Reference No. :- SLR/CLR/MAY -25/059
Sample No.:- 01-R.O / Filter Water.	


Sample Particulars	Details of Sampling
Sample Name/Description:- Drinking Water. Sample Quantity:- -1 Lit Sample pkg. Condition:- - Good	Date of sampling :- N/A Sample Received date:- 28/05/2025 Sample collected by:- Customer Sampling Location:- Final Outlet

Discipline: Chemical						
Test started on:-		28/05/2025		Test completed on :-		02/06/2025
Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH	-	8.22	APHA 24 th Ed.2023-4500-H ⁺ B, (Electrometric method)	6.5 – 8.5	No relaxation
2	Total Dissolved Solids at 180 ^o C	mg/L max	180	APHA 24 th Ed.2023-2540 C, (Total Dissolved Solids Dried at 180 ^o C)	500	2000
3	Turbidity	NTU max	1.5	APHA 24 th Ed.2023-2130 B, (Nephelometric method)	1	5
4	Odour	-	Agreeable	IS 3025 (Part-5):2018	Agreeable	Agreeable
5	Taste	-	Agreeable	IS 3025 (Part-7):2017	Agreeable	Agreeable
6	Colour	Hazen unit	10	APHA 24 th Ed.2023-2120 B, (Visual Comparison method)	5	15
7	Total Alkalinity as CaCO ₃	mg/L max	112	APHA 24 th Ed.2023-2320 B, (Titration method)	200	600
8	Total Hardness as CaCO ₃	mg/L max	100	APHA 24 th Ed.2023-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	28.8	APHA 24 th Ed.2023-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	6.80	APHA 24 th Ed.2023-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	29.99	APHA 24 th Ed.2023-4500 Cl ⁻ B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	1.17	APHA 24 th Ed.2023-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
13	Nitrate as NO ₃	mg/L max	1.16	APHA 24 th Ed.2023-4500 NO ₃ ⁻ B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
14	Iron as Fe	mg/L max	0.04	APHA 24 th Ed.2023-3500 Fe B, (1,10-phenanthroline method)	1.0	No relaxation

Remarks:- The submitted sample of water confirm to IS – 10500 with respect to above test.

Specific contractual notes:-



- ◆ The results listed refer only to the tested sample and applicable parameter.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ This report can not be reproduced, except when in full, without the written permission of the Lab In-charge
- ◆ Tested Sample shall be retained up to Fifteen Days from the date of issue of the certificate.
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ **NOTE:-**BDL=Below Detection Limit.


**Authorised Signatory
(Technical Manager)**

-----End of the Report-----

Technical Manager
State Level Water Testing Laboratory
D.W. & S. Deptt., Hinoo, Ranchi

State Level Water Testing Laboratory, Ranchi, Jharkhand

	TEST ANALYSIS REPORT	Doc No.: SLWTL-QP-4-F31 Issue No.: 01 Revision No.: 01 Date :18.02.2022	 TC-16212
---	-----------------------------	--	---

Issued to:- The Principal, S.R. DAV Public School, Pundag, Ranchi-834004. Sample No.:- 01-R.O / Filter Water.	Sample Code:- 250528-DW-A-001 ULR NO. :- TC152122500000275F(B) Date of Issue:- 03/06/2025 Customer Reference No. :- SLR/CLR/MAY -25/059
--	--


Sample Particulars	Details of Sampling
Sample Name/Description:- Drinking Water Sample Quantity:- -1 Lit Sample pkg. Condition:- - Good	Date of sampling :- N/A Sample Received date:- - 28/05/2025 Sample collected by:- - Customer Sampling Location:- - Final Outlet

Discipline: Chemical - Residues in Water						
Test started on: -		28/05/2025		Test completed on :-		02/06/2025
Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS – 10500:2012 (Second Revision)	
					Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
01	Arsenic as As	µg/L max	10	IS 3025(part-2):2019	10	No relaxation

Remarks:- The submitted sample of water confirm to IS – 10500 with respect to above test.

Specific contractual notes: -



- ◆ The results listed refer only to the tested sample and applicable parameter.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ This report can not be reproduced, except when in full, without the written permission of the Lab In-charge
- ◆ Tested Sample shall be retained up to Fifteen Days from the date of issue of the certificate.
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ NOTE:-BDL=Below Detection Limit.


Authorised Signatory
(Technical Manager)

-----End of the Report-----

Technical Manager
State Level Water Testing Laboratory
D.W. & S. Deptt., Hinoo, Ranchi

State Level Water Testing Laboratory, Ranchi, Jharkhand

	TEST ANALYSIS REPORT	Doc No.: SLWTL-QP-4-F31 Issue No.: 01 Revision No.: 01 Date :18.02.2022	 TC-15212
---	----------------------	--	---

Issued to:- The Principal,
S.R. DAV Public School,
Pundag, Ranchi-834004.

Sample No.:- 01-R.O / Filter Water.

Sample Code: - 250528-DW-A-001

ULR NO. : - TC152122500000275F(C)

Date of Issue: - 03/06/2025

Customer Reference No. : - SLR/CLR/MAY -25/059

Sample Particulars	Details of Sampling
Sample Name/Description: - Drinking Water. Sample Quantity: - 500 ml Sample pkg. Condition: - Good.	Date of sampling : -N/A Sample Received date: -28/05/2025 Sample collected by: - Customer Sampling Location: - Final Outlet

Discipline: Biological

Test started on: -		28/05/2025		Test completed on :-		29/05/2025	
Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015		
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)	
1	Total Coliform	CFU/100mL	<1	APHA 24 th Ed.2023-9222 B (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample		
2	Thermotolerant (Fecal) Coliform	CFU/100mL	<1	APHA 24 th Ed.2023-9222 D (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample		

Remarks: - The submitted sample of water confirm to IS – 10500 with respect to above test.

Specific contractual notes: -

- ◆ The results listed refer only to the tested sample and applicable parameter.
- ◆ 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 Section- In-charge.
- ◆ Tested sample shall be retained up to seven days from the date of issue of the certificate.
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ Customer asked for above test only.
- ◆ <1 indicates the absence of bacteria.
- ◆ NOTE: - TNTC = Too Numerous To Count.



Authorised Signatory
(Arti Kumari)

-----End of the Report----- State Level Water Testing Laboratory
Jharkhand, Ranchi