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: - Sachidanand Gyan Bharti Model school, 108, Kusai, Doranda, Namkum Road, Ranchi-834002. **Sample No.: -01**–R.O water.	**Sample Code: - 250822-DW-A-001** **ULR NO. : - TC152122500000847F(B)** **Date of Issue: – 29/08/2025** **Customer Reference No. : - SLR/CLR/AUGUST -25/042**

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: - 22/08/2025** **Sample collected by: - Customer** **Sampling Location: - Final Outlet**

Discipline: Chemical - Residues in Water

Test started on: - 22/08/2025 **Test completed on :-** **28/08/2025**

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	BDL	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

Sumita Sen.

PRINCIPAL
SACHIDANAND GYAN BHARTI
MODEL SCHOOL

Sachidanand Gyan Bharti Trust

Managing Trustee

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	

Issued to: - Sachidanand Gyan Bharti Model school,
108, Kusai, Doranda, Namkum Road, Ranchi-834002.

Sample No.: -01–R.O water.

Sample Code: - 250822-DW-A-001
ULR NO. : - TC152122500000847F(A)
Date of Issue: – 29/08/2025
Customer Reference No. : - SLR/CLR/AUGUST -25/042

Sample Particulars	Details of Sampling
Sample Name/Description: - Drinking Water.	**Date of sampling :** - N/A
Sample Quantity: -1 Lit	**Sample Received date:** - 22/08/2025
Sample pkg. Condition: - Good	**Sample collected by:** - Customer
	Sampling Location: - Final Outlet

Discipline: Chemical

Test started on: - 22/08/2025 **Test completed on :-** 28/08/2025

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	-	5.86	APHA 24th Ed.2023-4500-H+ B, (Electrometric method)	6.5 – 8.5	No relaxation
2	Total Dissolved Solids at 180° C	mg/L max	396	APHA 24th Ed.2023-2540 C, (Total Dissolved Solids Dried at 180° C)	500	2000
3	Turbidity	NTU max	0.8	APHA 24th 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	5	APHA 24th Ed.2023-2120 B, (Visual Comparison method)	5	15
7	Total Alkalinity as $CaCO_3$	mg/L max	48	APHA 24th Ed.2023-2320 B, (Titration method)	200	600
8	Total Hardness as $CaCO_3$	mg/L max	188	APHA 24th Ed.2023-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	51.2	APHA 24th Ed.2023-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	14.58	APHA 24th Ed.2023-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	135.93	APHA 24th Ed.2023-4500 Cl- B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	0.20	APHA 24th Ed.2023-4500 F- C, (Ion selective electrode method)	1.0	1.50
13	Nitrate as NO_3	mg/L max	50.65	APHA 24th Ed.2023-4500 NO_3^- B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
14	Iron as Fe	mg/L max	0.06	APHA 24th 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 except two parameters pH & Nitrate.**

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)

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

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

Sumita Sen.

PRINCIPAL
SACHIDANAND GYAN BHARTI
MODEL SCHOOL

Sachidanand Gyan Bharti Trust

Managing Trustee

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: - Sachidanand Gyan Bharti Model school,
108, Kusai, Doranda, Namkum Road, Ranchi-834002.

Sample No.: -01–R.O water.

Sample Code: - 250822-DW-A-001
ULR NO. : - TC152122500000847F(C)
Date of Issue: – 29/08/2025
Customer Reference No. : - SLR/CLR/AUGUST -25/042

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:** -22/08/2025 **Sample collected by:** - Customer **Sampling Location:** - Final Outlet

Discipline: Biological

Test started on: - 22/08/2025 **Test completed on :-** 23/08/2025

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 24th Ed.2023-9222 B (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample	
2	Thermotolerant (Fecal) Coliform	CFU/100mL	<1	APHA 24th 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)

State Level Water Testing Laboratory
Jharkhand, Ranchi

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

Sumita Sen.

PRINCIPAL
SACHIDANAND GYAN BHARTI
MODEL SCHOOL

Sachidanand Gyan Bharti Trust

Managing Trustee

OFFICE OF THE RANCHI MUNICIPAL CORPORATION, RANCHI

(Health Section)

Kutchery Road, Ranchi-834001

E-mail id:- support@ranchimunicipal.com

Letter No. 248/Health Date. 23/06/2021

TO WHOM SO EVER IT MAY CONCERN

It is certified that an inspection team headed by Dr. Kiran kumari, Asst. Public Health Officer from Ranchi Municipal Corporation inspected the SACHIDANAND GYAN BHARTI MODEL, RANCHI, on 15.06.2021 and found that the school has safe drinking water facilities for the students and member of staff of the institution and is maintaining the hygienic sanitation condition in the school building & campus as per the norms prescribed by the Central/State/U.T Govt.

The above valid for a period of 15.06.2021 to 14.06.2024.

Kiran Kumari
23.06.2021.

Medical Officer of Health
Ranchi Municipal Corporation, Ranchi.

सहा0 लो0 स्वा0 पदा0
राँची नगर निगम, राँची

To

SACHIDANAND GYAN BHARTI MODEL SCHOOL
108 Kusai Doranda
RANCHI-
Ranchi-834002(Jh.)

Sumita Sen.
PRINCIPAL
SACHIDANAND GYAN BHARTI
MODEL SCHOOL

Sachidanand Gyan Bharti Trust
Managing Trustee