

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: - PM Shri Kendriya Vidyalaya Dipatoli,
Via - Tatisilwai, P.O. - Sugnu B.o., Ranchi-835103.

Sample No.: - 01 - Drinking Water.

Sample Code: - 240624-DW-A-001

Date of Issue:-11/07/2024

Customer Reference No. : - SLR/CLR/JUNE -24/055

Sample Particulars

Sample Name/Description: - Drinking Water.

Sample Quantity: - 1 Lit.

Sample pkg. Condition: - Good.

Details of Sampling

Date of sampling : -N/A

Sample Received date: - 24/06/2024

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Chemical - Residues in Water

Test started on: - 24/06/2024

Test completed on :-

10/07/2024

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)-2004/ IS : 3025(part-37) (Silver Diethyldithiocarbamate method)	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



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Sample Particulars

Sample Name/Description: - Drinking Water.

Sample Quantity: - 1 Lit.

Sample pkg. Condition: - Good.

Details of Sampling

Date of sampling : -N/A

Sample Received date: - 24/06/2024

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Chemical

Test started on: - 24/06/2024

Test completed on :-

10/07/2024

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	-	6.51	APHA 23 rd Ed 2017-4500-H ⁺ B, (Electrometric method)	6.5 - 8.5	No relaxation
2	Total Dissolved Solids at 180° C	mg/L max	34	APHA 23 rd Ed 2017-2540 C, (Total Dissolved Solids Dried at 180° C)	500	2000
3	Turbidity	NTU max	0.1	APHA 23 rd Ed 2017-2130 B, (Nephelometric method)	1	5
4	Odour	-	Agreeable	IS 3025 (Part-5)	Agreeable	Agreeable
5	Taste	-	Agreeable	IS 3025 (Part-7) (Taste Threshold)	Agreeable	Agreeable
6	Colour	Hazen unit	5	APHA 23 rd Ed 2017-2120 B, (Visual Comparison method)	5	15
7	Total Alkalinity as CaCO ₃	mg/L max	24	APHA 23 rd Ed 2017-2320 B, (Titration method)	200	600
8	Total Hardness as CaCO ₃	mg/L max	28	APHA 23 rd Ed 2017-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	4.8	APHA 23 rd Ed 2017-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	3.88	APHA 23 rd Ed 2017-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	5.91	APHA 23 rd Ed 2017-4500 Cl ⁻ B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	0.28	APHA 23 rd Ed 2017-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
13	Nitrate as NO ₃	mg/L max	1.26	APHA 23 rd Ed 2017-4500 NO ₃ ⁻ B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
14	Iron as Fe	mg/L max	0.05	APHA 23 rd Ed 2017-3500 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: -

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- 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
O.W. & S. Dept., Hhoo, Ranchi

State Level Water Testing Laboratory, Ranchi, Jharkhand



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Issued to: - PM Shri Kendriya Vidyalaya Dipatoli,
Via - Tatisilwai, P.O. - Sugnu B.o., Ranchi-835103.

Sample Code: - 240624-DW-A-001

Date of Issue: -11/07/2024

Customer Reference No.: - SLR/CLR/JUNE -24/055

Sample No.: - 01 -Drinking Water.

Sample Particulars

Details of Sampling

Sample Name/Description: - Drinking Water.

Date of sampling: -N/A

Sample Quantity: - 500 ml

Sample Received date: - 24/06/2024

Sample pkg. Condition: - Good.

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Biological

Test started on: - 24/06/2024

Test completed on: - 25/06/2024

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 23 rd Ed.2017-9222 B (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample
2	Thermotolerant (Fecal) Coliform	CFU/100mL	<1	APHA 23 rd Ed.2017-9222 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: -

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- ♦ 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.

Arti

Authorised Signatory
(Arti Kumari)

State Level Water Testing Laboratory,
Jharkhand, Ranchi

—End of the Report—

पत्रांक :- 220 (SIWFL/2024-15) 001 दिनांक:- 11/7/2024

श्रेष्ठ,

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला,
पेय जल एवं स्वच्छता विभाग, राँची, झारखण्ड।

सेवा में,

PM Shri Kendriya Vidyalaya Dipatoli,
Via - Tatisilwai, P.O. - Sugnu B.O., Ranchi-835103.

विषय:- जल जाँच के संबंध में।

प्रसंग:- 40029/2023-24/1182/ के.वि.डी./73

दिनांक - 27/05/2024

महोदय,

उपरोक्त विषय एवं प्रासंगिक पत्र के संदर्भ में कहना है कि दिनांक - 24/06/2024 को आपके द्वारा दिया गया जल नमूनों का रासायनिक एवं जैविक जाँच समपन्न कर जल जाँच प्रतिवेदन आपकी समर्पित किया जा रहा है।

अनुलग्नक :-

अद्व।

विश्वासभाजन

11/7/2024

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला, राँची।

26/6/24

प्रचारक / Principal

केन्द्रीय विद्यालय/Kendriya Vidyalaya
दीपाटोली, वाया-टाटासिल्वे, पो-सुगनु
बी.ओ. राँची (झारखण्ड)
Dipatoli Via-Tatisilwai, P.O.-Sugnu
B.O. Ranchi (Jharkhand)
राँची/Ranchi-835103

Authorized Distributors

Head Office : Behind DAV Alok Public School, Pundag to Naya Sarai Road, Naya Sarai, Ranchi-834004 (Jharkhand)

Mob. : +91-9771471951, +91-9093551551, +91-7677551551 E-mail : daksh.ranchi@gmail.com

FIELD SERVICE REPORT

FSR No.	1355	Visit Date	25/7/2025	Time	-
Customer Name	K.V. Dipatali Ranchi			Location	Dipatali
Contact Person			Model	RO Plant 1000LPH	
Designation			Serial No.	No - No -	
Date of Comms					
Service Type	Warranty	Out of Warranty <input checked="" type="checkbox"/>			A.M.C

Observations RO Plant service.

Details of Work Carried Out : We first attended the site then installed Jumbo filter, RO membrane, Controller, plug and started the RO plant clean water supply. 100 water TDS. Safe for Drinking.

Parts Replaced

No.	Parts Description	Part No	Qty
01	RO membrane		02
02	Jumbo Filter		02
03	Controller		01
04	plug		01

Recommendation : Machine is OK.

Customer Comments

Name of Service Engineer Sanjay Soren

DAKSH ENGINEERS

Engineer Sign & Stamp

Signature

Customer Sign & Stamp
Contact No.:

Authorized Distributors
Head Office: Behind DAV Alok Public School, Pundag to Naya Serai Road, Nayasera, Ranchi-834004 (Jharkhand)
Mob.: +91-9771471551, +91-9693551551, +91-7877551551 E-mail: daksh.ranchi@gmail.com

FIELD SERVICE REPORT

FSR No.	1356	Visit Date	26/7/2025	Time	-
Customer Name	K.V. Dipatoli Ranchi			Location	Dipatoli
Contact Person		Model	120 PSS - UV		
Designation		Serial No.	822500802600014		
Date of Comms					
Service Type	Warranty	Out of Warranty			A.M.C

Observations: Aquaguard Service -

Details of Work Carried Out: We first attended the side then changed the Sediment Cartridge Filter, AC block filter, Tap, Start Clean the Storage. Started the Aquaguard Clean Water Supply. 120 water TDS Safe for Drinking.

Parts Replaced

No.	Parts Description	Part No	Qty
01	20" Sediment Cartridge Filter		01
02	20" AC block Filter		01
03	Tap		01

Recommendation: Machine is ok.

Customer Comments

Name of Service Engineer: Sanjay Soren

Engineer Sign & Stamp

Customer Sign & Stamp
Contact No.:

FIELD SERVICE REPORT

FSR No.	1357	Visit Date	26/7/2025	Time	—
Customer Name	K.V. Dipatoli Ranchi			Location	Dipatoli
Contact Person			Model	20 PSS-UV	
Designation			Serial No.	3225003026000214	
Date of Comms					
Service Type	Warranty	Out of Warranty <input checked="" type="checkbox"/>		A.M.C	
Observations	Aquaguard Service.				

Details of Work Carried Out: We first attended the side then changed the Sediment Cartridge Filter, AC block Filter. Pipe. Started the Aquaguard Clean water supply. Clean the Storage. 120 TDS

Parts Replaced Safe to drink.

No.	Parts Description	Part No	Qty
01	20" Sediment Cartridge Filter		01
02	20" AC block Filter		01
03	5m Pipe		01

Recommendation: Machine is OK.

Customer Comments

Name of Service Engineer

Sanjay Saran

Engineer Sig. & Stamp

Customer Sign & Stamp
Contact No.:

First Floor

FIELD SERVICE REPORT

FSR No.	1958	Visit Date	26/7/2025	Time	—
Customer Name	K.V. Dipatoli Ranchi			Location	Dipatoli
Contact Person			Model	120 P55-VV	
Designation			Serial No.	32250103026000/63	
Date of Comms					
Service Type	Warranty	Out of Warranty ✓			A.M.C

Observations: Aquaguard Service.

Details of Work Carried Out: We first attended this side then changed the sediment cartridge filter and AC block filter - clean the storage. Started the Aquaguard Clean Water Supply. 120 TDS water T.D.S safe for drinking.

Parts Replaced

No.	Parts Description	Part No	Qty
01	20" Sediment Cartridge Filter		01
02	20" AC block Filter		01

Recommendation: Machine is OK.

Customer Comments

Name of Service Engineer

Sanyam Saha

Engineer Sign & Stamp

Customer Sign & Stamp
Contact No.: