

पत्रांक:- 032

दिनांक:- 16/08/24

प्रेषक,

तकनीकी प्रबंधक,
जिला स्तरीय जल जाँच प्रयोगशाला,
विश्वा, कांके, राँची, झारखण्ड।

सेवा में,

The Principal,
D.A.V Swarnrekha Public School,
Vidya Nagar, Harmu,
Ranchi, Jharkhand.

विषय:- जल जाँच के संबंध में।

प्रसंग:- पत्रांक- DAVSPS/124/24-25

दिनांक:- 05/08/2024

महाशय,

उपरोक्त विषय एवं प्रासंगिक पत्र के संदर्भ में कहना है कि दिनांक- 12/08/2024 को आपके द्वारा दिया गया जल नमूने की रासायनिक जाँच संपन्न कर जल जाँच प्रतिवेदन आपको समर्पित किया जा रहा है।

अनुलग्नक:- 01 अदद।

विश्वासभाजन

Ashma Kr
16/08/2024

तकनीकी प्रबंधक
जिला स्तरीय जल जाँच प्रयोगशाला, राँची।



District Level Water Testing Laboratory, Ranchi
VISWA Campus, Near Jodapool, Kanke ,
Ranchi- 834006, Jharkhand, India
Email:dlwtl.ranchi@gmail.com

Test Report

Report No:	Ref no.- 02	Issue Date : 16/08/2024
Issued To: (Name & Address of Customer)	The Principal Sample no. -01, D.A.V Swarnrekha Public School Vidya Nagar , Harmu , Ranchi - 834002, Jharkhand .	Order Ref. No.: DAVSPS/124/24-25
Date of Start Analysis :	12/08/2024	Sampling: Not done by laboratory Sample Received Date: 12/08/2024
Date of Completion Analysis :	14/08/2024	Environmental Condition of laboratory Temperature: 26. 6°C Humidity: 55%

Sl. No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) (Reaffirmed 2018)	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH at 25 °C	-	6.52	IS 3025 (Part 11):2022,	6.5 – 8.5	No relaxation
2	Turbidity	NTU	1.4	IS 3025 (part 10):2023	1	5
3	Total Dissolved Solids at 180 °C	mg/L	230	IS 3025 (Part 16):2023, (Total Dissolved Solids Dried at 180 °C)	500	2000
4	Hardness as CaCO ₃	mg/L	124	IS 3025 (Part 21):2019, (EDTA Titration method)	200	600
5	Alkalinity as CaCO ₃	mg/L	64	IS 3025 (Part 23):2023, (Titration method)	200	600
6	Calcium as Ca ⁺	mg/L	40	IS 3025 (Part 40):2023, (EDTA Titration method)	75	200
7	Magnesium as Mg ⁺²	mg/L	5.83	IS 3025 (Part 46):2023	30	100
8	Chloride as Cl ⁻	mg/L	73.98	IS 3025 (Part 32):2019, (Argentometric method)	250	1000
9	Colour	Hazen Unit	5	IS 3025 (Part 4):2021, (Visual Comparison method)	5	15
10	Odour	-	Agreeable	IS 3025 (Part5): 2018	Agreeable	Agreeable
11	Taste	-	Agreeable	IS 3025 (Part 7): 2017 (Taste Threshold)	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 Ranchi Jurisdiction.

Reviewed by:-

Archana Khalkho

-End of the Report-

Krishna Kumar
(Krishna Kumar)
Chemist

Technical Manager
DLWTL, Ranchi