



# OFFICE OF THE RANCHI MUNICIPAL CORPORATION, RANCHI

(Health Section)

Kutchery Road, Ranchi-834001

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Letter No.: 183/Health

Date : 25/06.2022

## TO WHOMSOEVER IT MAY CONCERN

It is Certified that and inspection team headed by **Dr. Kiran Kumari**, Asst. Public Health Officer from Ranchi Municipal Corporation inspected the **DAV PUBLIC SCHOOL, HEHAL, RANCHI** on 02.06.2022 and found that the **DAV PUBLIC SCHOOL, HEHAL, ITKI ROAD, RANCHI** 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 25.06.2022 to 24.06.2023

*Kiran Kumari*  
25-06-2022

**Assistant Public Health Officer,**  
Ranchi Municipal Corporation, Ranchi.



To,

**DAV PUBLIC SCHOOL,**  
Hehal, Itki Raod, Ranchi - 834005



एक कदम स्वच्छता की ओर

**ENVIRONMENT LABORATORY , CMPDI (HQ) , RANCHI**

**TEST REPORT**

<b>06/22 Test Report No. 1</b>	<b>Job No.</b>	<b>Year</b>	FY2022-23
Type of Sample:	<b>Drinking Water</b>	Quarter Ending	Jun-22
Customer		Date of Receipt:	09-06-2022
Mode of Receipt of Sample:	Joint sampling with customer	Date of Analysis:	09.06.22-15.06.22
Testing / Sampling Protocol	<b>IS:10500 Drinking Water Standards, LQR 33</b>		
Remarks & Observation:	Samples received in 5 ltrs plastic Jerri cane, Colour as observed is transparent		

**TEST RESULT**

The sample has been tested with the following results:-

**Stations:**

- Bore Well Water DAV Public School, Hehal Ranchi

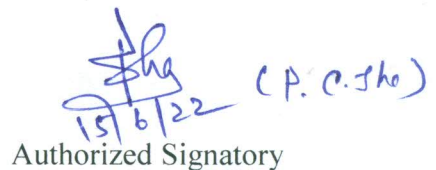
**Date of Sampling:**

09-06-2022

Sl.No	Parameter	Sampling Stations			Detection Limit	IS:10500 Standards	Standard / Test Method
		1	2	3			
1	Boron (as B), mg/l, Max	<0.20			0.20	0.5	APHA, 23rd Edition Carmine Method, 2017
2	Cadmium (as Cd), mg/l, Max	<0.0004			0.0004	0.003	APHA, 23rd Edition AAS-GTA Method, 2017
3	Calcium (as Ca), mg/l, Max	51.2			1.60	75	IS-3025/40:1991, EDTA
4	Chloride (as Cl), mg/l, Max	48			2.00	250	IS-3025/32:1988, R-2007, Argentometric Method
5	Copper (as Cu), mg/l, Max	<0.02			0.02	0.05	IS 3025/42: 1992, R : 2009, AAS (Air-Ac-Flame)
6	Fluoride (as F) mg/l, Max	0.56			0.02	1.0	APHA, 23rd Edition, SPADNS Method, 2017
7	Free Residual Chlorine, mg/l, Min	<0.02			0.02	0.2	APHA, 23rd Edition, DPD Method, 2017
8	Iron (as Fe), mg/l, Max	0.10			0.04	* 1.0	IS 3025 /53: 2003, R : 2009, AAS (Air-Ac-Flame)
9	Lead (as Pb), mg/l, Max	<0.001			0.001	0.01	APHA, 23rd Edition AAS-GTA Method, 2017
10	Manganese (as Mn), mg/l, Max	0.01			0.01	0.1	IS-3025/59:2006, AAS (Air-Ac-Flame) Method
11	Nickel (as Ni), mg/l, Max	<0.003			0.003	0.02	APHA, 23rd Edition, 3120 B, ICP Method: 2017
12	Nitrate (as NO <sub>3</sub> ), mg/l, Max	15.1			0.5	45	APHA, 23rd Edition, UV-Spectrophotometric, 2017
13	Odour	Agreeable			Qualitative	Agreeable	IS 3025 /05:1983, R-2012, Qualitative
14	pH value	6.37			1.0	6.5 to 8.5	IS-3025/11:1983, R-1996, Electrometric Method
15	Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), mg/l, Max	<0.001			0.001	0.001	APHA, 23rd Edition, 4-Amino Autipyrine, 2017
16	Selenium (as Se), mg/l, Max	<0.0005			0.0005	0.01	IS 3025/56:2003 AAS-VGA Method
17	Sulphate (as SO <sub>4</sub> ) mg/l, Max	60.2			2.00	200	APHA, 23rd Edition, Turbidity Method, 2017
18	Total Alkalinity (CaCO <sub>3</sub> ), mg/l, Max	132			4.00	200	IS-3025/23:1986, R: 2009, Titration Method
19	Total Arsenic (as As), mg/l, Max	<0.002			0.002	0.01	IS 3025/ 37:1988 R : 2003, AAS-VGA: 1998
20	Total Chromium (as Cr), mg/l, Max	<0.002			0.002	0.05	APHA, 23rd Edition, 3120 B, ICP Method: 2017
21	Total Dissolved Solids, mg/l, Max	309			25.00	500	IS 3025 /16:1984 R : 2006, Gravimetric Method
22	Total Hardness (CaCO <sub>3</sub> ), mg/l, Max	168			4.00	200	IS-3025/21:1983, R-2009, EDTA Method
23	Turbidity, NTU, Max	1			1.0	1	IS-3025/10:1984 R-1996, Nephelometric Method
24	Zinc (as Zn), mg/l, Max	<0.005			0.005	5.0	IS 3025 /49: 1994, R : 2009, AAS (Air-Ac-Flame)



Analysed By

  
15/6/22 (P. C. Sho)

Authorized Signatory

- Note: 1) This Report refers to the values obtained at the time of testing and results related to the items tested  
2) This Report cannot be reproduced in part or full without written permission of the management.  
3) This is computer generated report and requires no signature.