



**RURAL DRINKING WATER & SANITATION DIVISION BIDAR
BIDAR DISTRICT WATER QUALITY TESTING LABORATORY, RDWSD**

OLD VETERINARY HOSPITAL, BIDAR, KARNATAKA, INDIA

Email id: rdwsd.wqmosp.bidarlab@gmail.com. Phone Number: 08482-299944

TO, Mrs.Laxmi V Mugali Manager The Infinity School Bidar. Contact Number: 9591996002. Taluka &Dist: Bidar. Sample Location: In Campus of The Infinity School Bidar.	Report date: 19.05.2025
	Report Number:25MAY074
	Reference: DD Submitted by the Client.
	Sample receipt date: 17.05.2025
	Sample code: BID25MAYMS074
	Date of Sample collection: 17.05.2025
	Analysis start date: 17.05.2025
Analysis completion date:19.05.2025	
Sample collection protocol: APHA 24 th Edition	

Sample Particulars: Filter Water (RO) Sample quantity: 1 Liter

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
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Description: Clear.

1)	pH Value @25°C	8.42	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2)	Specific Conductance,µS/cm@ 25°C	1870	-	-	IS 3025 (Part-14) : 2013 RA:2019
3)	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4)	Colour, Hazen Units	2	5	15	IS 3025 (Part - 8) : 2023
5)	Turbidity, NTU	BDL	1	5	IS 3025 (Part-4) :2021
6)	Total Dissolved Solids@ 180°C, mg/l	100.0	500	2000	IS 3025 (Part-10) : 1984 RA:2023
7)	Alkalinity as CaCO ₃ , mg/l	28.0	200	600	IS 3025 (Part-16) : 1984 RA:2023
8)	Total Hardness as CaCO ₃ , mg/l	47.5	200	600	IS 3025 (Part-23) : 1986 RA:2023
9)	Calcium as Ca, mg/l	9.61	75	200	IS 3025 (Part-21) : 2009 RA:2014
10)	Magnesium as Mg, mg/l	5.7	30	100	IS 3025 (Part-40) : 1991 RA:2019
11)	Chloride as Cl, mg/l	19.96	250	1000	IS 3025 (Part-46) : 1994 RA:2023
12)	Sulphate as SO ₄ , mg/l	0.12	200	400	IS 3025 (Part-32) : 1988 RA:2019
13)	Fluoride as F, mg/l	0.12	1	1.5	IS 3025 (Part-24) : 1986 RA:2022
14)	Nitrate as NO ₃ , mg/l	18.74	45	No relaxation	APHA 23 rd Edition 4500-F: D RA: APHA 24 th Edition
15)	Iron as Fe, mg/l	BDL	1	No relaxation	APHA 23 rd Edition 4500-NO3-B RA: APHA 24 th Edition

Remarks: The Given Sample Conforms to the Acceptable limit of IS 10500: 2012 RA: 2018 Drinking Water Specifications for Above tested Physical and Chemical Parameters Only.

Analyzed by:  Senior Analyst (Baswaraj)	Authorized Signatory:  Quality Manager (Ambika Kanerl) Date: 19/05/2025 MANAGER
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Note:

- The above results relate only to the sample tested.
- The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- Samples will be discarded after 15 days from the date of report generation.
- Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.
- Whereas BDL: Below Detection limit. UDL: Upper Detection limit NTU: Nephelometric meter
- The Sample collected and Submitted by Client(Laxmi Mugali - 9591996002)

RDWSD/WQMSP/DR-01
R.D.W. & S. Division Laboratory
BIDAR-585401


MANAGER
The Infinity School
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Village Road, Taluka Bidar
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****End of the Report****

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